

APPLICATION
FOR
UNITED STATES LETTERS PATENT
For
Remote Remonitoring

Appendix A

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SHOWSUM Windows v2.0.3.0 - Nov 9 2000 00:24:17
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Opening file "pwc_20010118_0000_w4.sum"

Total records: 24

--Header-----

Col version: 2.0.2.0
OS version: 4.0.1381.0
OS type: Windows
Platform: x86
VirtualHour: 3600 - 00 01:00:00 (DD HH:MM:SS)
VirtualDay: 86400 - 01 00:00:00 (DD HH:MM:SS)
Timestamp: 2001/01/17 23:00
Col start time: 2001/01/10 11:09

--SysInfo-----

Sysver: MS Windows NT Server ver 4.0.1381 (sp 6.0) Service
Pack 6
CustomerID: 05500100011513
MachineID: 90A30000000052
CompName: SAPDTI
HostName: sapdti
IPaddress: 192.168.1.149
Processor: x86 Family 6 Model 7 Stepping 2
ProcessorSpeed: 497 (MHz)
ProcessorIdent: GenuineIntel
TotalProcessors: 2
ActiveProcessors: 2
TotalMemory: 1047976 (KB)
PageSize: 4096 (B)
RegistrySizeLimit: -1 (B)
CurrentRegistrySize: 8032256 (B)
CurrentSyslogSize: 720984 (B)
BiosVersion: IBM BIOS Ver 7.0
BiosDate: 01/29/99
SystemIdentifier: AT/AT COMPATIBLE
SystemDir: C:\WINNT\System32
WindowsDir: C:\WINNT
LastBootMode: Normal
BootTime: Wed Jan 10 12:07:06 2001
Tzname0: E. South America Standard Time
Tzname1: E. South America Daylight Time
Locale: C

--Timestamp----- (Record 1) -----

Wed Jan 17 23:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,599,967,900 (us)
usr: 5.18% sys: 0.62% idle: 188.37%
queue: 0 freepte: 39590
pi: 1.53/s po: 2.29/s

--IOstat-----

Dk Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S				

0	35CB34EC	4,518,912	4,220,928	526.36	719.01	2354.61	990
1008	0	0	3,600,000,000				
1	CE2EE96C	35,814,400	48,538,624	2362.13	1541.60	0.00	4937
1877	0	0	3,903,739,408				
2	CE1F98E1	2,187,264	10,772,480	189.31	8693.15	0.00	265
677	0	0	8,882,474,152				
3	CE2EE96D	32,768	647,168	3.68	15.88	3580.42	4
14	0	0	3,600,000,000				

--FSstat--

MountPoint VolNum	PhysDrv	Type	Free(KB)	Total(KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	128	2,048	6.25%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,378,916	3,072,000	77.44%
H:\pagefile.sys 00D37BF0 180		PagingFile	344	184,320	0.19%
C:\ B8BA90A3 0	0	NTFS	1,099,205	4,192,492	26.22%
D:\ 6470EC21 0	1	NTFS	121,252	12,129,484	1.00%
E:\ E8E20702 0	2	NTFS	3,130,168	35,540,408	8.81%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network--

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]								
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
								Adapter [0004AC4CE34D] 3,600,046,875

--TopTen--

Interval: 3,600,078,125 (us)
 ActiveCPUs: 2
 TotalProcesses: 50
 TotalThreads: 327
 TotalIO: 0
 TotalHandles: 8431

CPU absolute--

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,781,391	2	0
disp+work	257	232,953	11,672	4	655
sqlservr	153	79,922	12,125	41	947
disp+work	299	29,078	3,188	4	177
disp+work	323	8,860	1,047	4	166
disp+work	267	6,891	640	4	273
System	2	0	7,375	35	1033
perfwcol	179	1,281	4,547	2	71
disp+work	270	5,031	297	4	174
inetinfo	133	2,625	2,407	21	342

CPU group--

	User	Sys	Thrds	Hlds
Idle	0	6,781,391	2	0
disp+work	288,766	17,938	82	3877
sqlservr	79,922	12,125	41	947
System	0	7,375	35	1033
perfwcol	1,281	4,547	2	71
inetinfo	2,625	2,407	21	342
sqlagent	500	47	8	91
saposcol	172	265	4	77
SERVICES	63	93	20	285
msdtc	16	31	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	834,699,264	0
disp+work	257	53,698,560	0
disp+work	267	26,587,136	0
disp+work	323	12,963,840	0
disp+work	330	11,644,928	0
disp+work	259	10,477,568	0
disp+work	290	9,560,064	0
disp+work	254	7,888,896	0
disp+work	299	7,815,168	0
disp+work	296	6,975,488	0

MEM group-----

	Private	Shared
sqlservr	834,699,264	0
disp+work	176,537,600	0
mmc	4,349,952	0
gwrd	2,596,864	0
sqlagent	2,260,992	0
perfwcol	1,658,880	0
msg_server	1,495,040	0
SERVICES	1,433,600	0
EXPLORER	1,413,120	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 2) -----
Thu Jan 18 00:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,599,961,300 (us)
usr: 4.95% sys: 0.59% idle: 188.90%
queue: 0 freepte: 39590
pi: 1.14/s po: 2.56/s

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					

0	35CB34EC	3,325,952	4,095,488	360.24	680.17	2559.57	738
976	0	0	3,600,000,000				

1	CE2EE96C	13,614,080	49,569,792	1213.47	1404.73	981.79	3098
1571	0	0 3,600,000,000					
2	CE1F98E1	802,816	131,072	80.39	4.43	3515.17	98
1	0	0 3,600,000,000					
3	CE2EE96D	0	552,960	0.00	10.96	3589.03	0
9	0	0 3,600,000,000					

--FSstat--

MountPoint VolNum	PhysDrv	Type	Free(KB)	Total(KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	116	2,048	5.66%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,367,696	3,072,000	77.07%
H:\pagefile.sys 00D37BF0 180		PagingFile	136	184,320	0.07%
C:\ B8BA90A3 0	0	NTFS	1,099,109	4,192,492	26.22%
D:\ 6470EC21 0	1	NTFS	121,172	12,129,484	1.00%
E:\ E8E20702 0	2	NTFS	3,130,168	35,540,408	8.81%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network--

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]								
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter								

--TopTen--

Interval: 3,599,953,125 (us)
 ActiveCPUs: 2
 TotalProcesses: 50
 TotalThreads: 330
 TotalIO: 0
 TotalHandles: 8458

CPU absolute

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,800,546	2	0
disp+work	257	224,547	10,875	4	655
sqlservr	153	75,000	11,312	43	961
disp+work	299	28,797	2,843	4	177
disp+work	323	7,922	1,032	4	166
disp+work	267	6,375	875	4	275
System	2	0	7,156	35	1033
perfwork	179	1,031	4,625	2	71
disp+work	270	5,109	375	4	174
disp+work	356	3,266	328	4	163

CPU group

	User	Sys	Thrds	Hlds
Idle	0	6,800,546	2	0
disp+work	278,423	16,908	82	3879

sqlservr	75,000	11,312	43	961
System	0	7,156	35	1033
perfwcol	1,031	4,625	2	71
inetinfo	1,797	1,718	21	342
sqlagent	375	94	9	98
saposcol	140	172	4	77
SERVICES	47	125	20	285
LSASS	31	15	12	103

MEM absolute-----

	PID	Private	Shared
sqlservr	153	839,528,448	0
disp+work	257	40,382,464	0
disp+work	267	24,035,328	0
disp+work	323	15,040,512	0
disp+work	330	12,075,008	0
disp+work	259	11,649,024	0
disp+work	290	8,265,728	0
disp+work	254	7,925,760	0
disp+work	299	7,815,168	0
disp+work	362	6,918,144	0

MEM group-----

	Private	Shared
sqlservr	839,528,448	0
disp+work	159,154,176	0
mmc	4,456,448	0
sqlagent	2,351,104	0
gwrd	1,716,224	0
perfwcol	1,662,976	0
msg_server	1,527,808	0
SERVICES	1,466,368	0
saposcol	1,413,120	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 3) -----

Thu Jan 18 01:09:00 2001

--VMstat-----

Processors:	2											
Interval:	3,613,164,500 (us)											
usr:	6.57%	sys:	0.77%	idle:	184.56%	queue:	0 freepte:	39590	pi:	6.27/s	po:	3.25/s
sys:	0.77%	idle:	184.56%	queue:	0 freepte:	39590	pi:	6.27/s	po:	3.25/s		
idle:	184.56%											
queue:	0 freepte:	39590										
pi:	6.27/s	po:	3.25/s									
po:	3.25/s											

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	10,611,712	5,949,440	1730.99	966.24	902.81	2504
1284	0 0	3,600,046,875					
1	CE2EE96C	81,314,304	57,608,192	8444.62	1914.87	0.00	19382
1615	0 0	10,359,496,492					
2	CE1F98E1	1,184,382,976	15,892,48030145.99	13504.57	0.00	46435	

1154	2	0	43,650,568,894					
3	CE2EE96D	143,171,584	206,843,904	3150.72	6055.04	0.00	2196	
3198	0	0	9,205,776,116					

--FSstat-----

MountPoint VolNum	PhysDrv	Type	Free(KB)	Total(KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	128	2,048	6.25%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,443,288	3,072,000	79.53%
H:\pagefile.sys 00D37BF0 180		PagingFile	4,780	184,320	2.59%
C:\ B8BA90A3 0	0	NTFS	1,099,109	4,192,492	26.22%
D:\ 6470EC21 0	1	NTFS	121,104	12,129,484	1.00%
E:\ E8E20702 0	2	NTFS	3,130,168	35,540,408	8.81%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,600,281,250							
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]	3,600,281,250						

--TopTen-----

Interval:	3,600,375,000 (us)
ActiveCPUs:	2
TotalProcesses:	50
TotalThreads:	330
TotalIO:	0
TotalHandles:	8473

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,668,766	2	0
disp+work	257	234,953	10,781	4	655
sqlservr	153	181,593	18,500	43	966
disp+work	299	28,922	2,719	4	177
disp+work	323	7,812	1,078	4	166
System	2	0	7,797	35	1033
disp+work	267	6,500	1,000	4	279
perfwcol	179	1,000	4,765	2	71
disp+work	270	5,063	281	4	174
inetinfo	133	2,500	2,563	21	342

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,668,766	2	0
disp+work	289,298	16,843	82	3883
sqlservr	181,593	18,500	43	966
System	0	7,797	35	1033
perfwcol	1,000	4,765	2	71

inetinfo	2,500	2,563	21	342
sqlagent	641	62	10	104
saposcol	125	188	4	77
SERVICES	47	94	20	285
msdtc	47	63	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	912,257,024	0
disp+work	257	31,469,568	0
disp+work	267	19,525,632	0
disp+work	323	12,640,256	0
disp+work	330	12,107,776	0
disp+work	259	11,120,640	0
disp+work	296	8,568,832	0
disp+work	254	7,897,088	0
disp+work	362	6,914,048	0
disp+work	299	6,139,904	0

MEM group-----

	Private	Shared
sqlservr	912,257,024	0
disp+work	139,837,440	0
mmc	4,276,224	0
sqlagent	2,416,640	0
perfwcol	1,658,880	0
gwrd	1,626,112	0
msg_server	1,601,536	0
SERVICES	1,437,696	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 4) -----
Thu Jan 18 02:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,600,020,700 (us)
usr: 16.41% sys: 1.45% idle: 164.25%
queue: 1 freepte: 39590
pi: 4.92/s po: 3.11/s

--Iostat-----

Dk	Signature	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	15,378,432	8,090,112	2373.63	1164.08	62.26	3303
1334	0	0	3,599,984,375				
1	CE2EE96C	58,666,496	60,874,240	9851.18	3949.96	0.00	13140
2356	0	0	13,801,158,254				
2	CE1F98E1	9,642,704,896	17,563,648656950.62	18423.73		0.00	
246238	1433	0	0	675,374,356,158			
3	CE2EE96D	3,068,723,200	3,140,079,61674307.85	125170.79		0.00	
47364	48041	2	0	199,478,646,369			

--FSstat--

MountPoint VolNum	PhysDrv	Type	Free (KB)	Total (KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	120	2,048	5.86%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,457,168	3,072,000	79.99%
H:\pagefile.sys 00D37BF0 180		PagingFile	5,004	184,320	2.71%
C:\ B8BA90A3 0	0	NTFS	1,099,109	4,192,492	26.22%
D:\ 6470EC21 0	1	NTFS	121,700	12,129,484	1.00%
E:\ E8E20702 0	2	NTFS	3,130,168	35,540,408	8.81%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network--

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]				3,599,953,125				
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter				3,599,953,125				

--TopTen--

Interval:	3,599,906,250 (us)
ActiveCPUs:	2
TotalProcesses:	50
TotalThreads:	331
TotalIO:	0
TotalHandles:	8474

CPU absolute--

	PID	User	Sys	Thrds	Hlds
Idle	0	0	5,913,281	2	0
sqlservr	153	862,094	45,406	43	966
disp+work	257	233,047	12,125	4	656
disp+work	299	46,594	5,906	4	177
disp+work	296	12,047	2,437	4	165
System	2	0	8,484	35	1033
disp+work	267	6,750	672	4	279
disp+work	323	6,094	968	4	166
perfwcol	179	1,250	4,469	2	71
disp+work	270	5,265	359	4	174

CPU group--

	User	Sys	Thrds	Hlds
Idle	0	5,913,281	2	0
sqlservr	862,094	45,406	43	966
disp+work	316,077	23,498	82	3884
System	0	8,484	35	1033
perfwcol	1,250	4,469	2	71
inetinfo	2,046	2,281	21	342
saposcol	188	281	4	77
SERVICES	46	141	20	285

msdtc	16	62	21	110
gwrd	32	32	6	164

MEM absolute-----

	PID	Private	Shared
sqlservr	153	892,227,584	0
disp+work	257	44,204,032	0
disp+work	267	13,819,904	0
disp+work	323	13,299,712	0
disp+work	330	12,156,928	0
disp+work	259	11,141,120	0
disp+work	296	9,084,928	0
disp+work	254	7,946,240	0
disp+work	362	6,922,240	0
disp+work	299	5,935,104	0

MEM group-----

	Private	Shared
sqlservr	892,227,584	0
disp+work	148,635,648	0
mmc	4,272,128	0
sqlagent	2,416,640	0
perfwcol	1,679,360	0
msg_server	1,495,040	0
SERVICES	1,466,368	0
saposcol	1,413,120	0
sqlmangr	1,409,024	0
gwrd	1,380,352	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 5) -----

Thu Jan 18 03:09:00 2001

--VMstat-----

Processors: 2
 Interval: 3,586,720,200 (us)
 usr: 7.35% sys: 0.81% idle: 184.39%
 queue: 0 freepte: 39590
 pi: 5.67/s po: 4.12/s

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	16,280,576	8,559,616	2262.22	1233.07	104.69	3566
1599	0	0	3,600,000,000				
1	CE2EE96C	69,891,584	68,056,064	7131.73	2272.67	0.00	15738
1823	0	0	9,404,409,396				
2	CE1F98E1	2,161,000,448	20,086,784212505.37	36931.50		0.00	81196
1615	0	0	249,436,884,130				
3	CE2EE96D	634,281,984	508,940,28815245.72	16985.07		0.00	9954
7795	0	0	32,230,802,363				

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
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VolNum

C:\pagefile.sys 631AF993 2		PagingFile	124	2,048	6.05%	
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,451,004	3,072,000	79.79%	
H:\pagefile.sys 00D37BF0 180		PagingFile	4,624	184,320	2.51%	
C:\ B8BA90A3 0	0	NTFS	1,099,109	4,192,492	26.22%	
D:\ 6470EC21 0	1	NTFS	121,572	12,129,484	1.00%	
E:\ E8E20702 0	2	NTFS	3,130,168	35,540,408	8.81%	
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%	
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%	

--Network

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,599,859,375							
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]	3,599,859,375						

--TopTen

Interval: 3,599,812,500 (us)

ActiveCPUs: 2

TotalProcesses: 50

TotalThreads: 330

TotalIO: 0

TotalHandles: 8465

CPU absolute

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,613,875	2	0
sqlservr	153	240,813	19,641	43	961
disp+work	257	227,156	11,344	4	655
disp+work	299	29,922	3,172	4	177
disp+work	323	8,703	782	4	166
System	2	0	7,875	35	1033
disp+work	267	6,656	672	4	281
perfwcol	179	1,156	4,531	2	71
disp+work	270	5,110	219	4	174
inetinfo	133	2,141	2,453	21	342

CPU group

	User	Sys	Thrds	Hlds
Idle	0	6,613,875	2	0
disp+work	283,531	17,441	82	3887
sqlservr	240,813	19,641	43	961
System	0	7,875	35	1033
perfwcol	1,156	4,531	2	71
inetinfo	2,141	2,453	21	342
saposcol	93	203	4	77
sqlagent	125	47	9	98
SERVICES	47	78	20	285
gwrd	30	15	6	164

MEM absolute-----

	PID	Private	Shared
sqlservr	153	886,140,928	0
disp+work	257	20,058,112	0
disp+work	267	17,321,984	0
disp+work	323	14,999,552	0
disp+work	330	12,259,328	0
disp+work	259	11,747,328	0
disp+work	290	9,072,640	0
disp+work	296	8,331,264	0
disp+work	254	7,884,800	0
disp+work	299	7,135,232	0

MEM group-----

	Private	Shared
sqlservr	886,140,928	0
disp+work	137,338,880	0
mmc	4,341,760	0
sqlagent	2,351,104	0
perfwcol	1,650,688	0
SERVICES	1,626,112	0
msg_server	1,609,728	0
gwrd	1,515,520	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 6) -----
Thu Jan 18 04:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,599,965,200 (us)
usr: 4.92% sys: 0.62% idle: 188.89%
queue: 0 freepte: 39590
pi: 2.39/s po: 2.48/s

--Iostat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	6,725,632	5,163,008	825.95	738.31	2035.73	1474
1072	0 0 3,600,000,000						
1	CE2EE96C	28,791,808	46,677,504	2195.14	1316.68	88.16	6599
1425	0 0 3,600,000,000						
2	CE1F98E1	9,363,456		8,192	1934.33	1.24	1664.42
1	0 0 3,600,000,000						582
3	CE2EE96D	409,600	954,368	49.38	32.33	3518.29	50
15	0 0 3,600,015,625						

--Fsstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	124	2,048	6.05%

631AF993 2					
D:\pagefile.sys		PagingFile	2,444,780	3,072,000	79.58%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	4,280	184,320	2.32%
00D37BF0 180					
C:\	0	NTFS	1,099,109	4,192,492	26.22%
B8BA90A3 0					
D:\	1	NTFS	121,508	12,129,484	1.00%
6470EC21 0					
E:\	2	NTFS	3,130,168	35,540,408	8.81%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%
A891FC02 0					
H:\	0	NTFS	21,314	208,025	10.25%
5CDA4CC9 0					

--Network

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None] 3,599,984,375								
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter [0004AC4CE34D] 3,599,984,375								

--TopTen--

```
Interval:      3,600,015,625 (us)
ActiveCPUs:    2
TotalProcesses: 50
TotalThreads:   330
TotalIO:        0
TotalHandles:   8468
```

CPU absolute

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,800	328	2
disp+work	257	221,250	12,031	4	655
sqlservr	153	74,062	11,859	43	962
disp+work	299	28,968	2,938	4	177
disp+work	323	8,250	687	4	166
disp+work	267	6,281	1,016	4	283
System	2	0	7,000	35	1033
disp+work	270	5,328	313	4	174
perfwc01	179	1,110	4,500	2	71
inetinfo	133	3,016	2,469	21	342

CPU group

	User	Sys	Thrds	Hlds
Idle	0	6,800,328	2	0
disp+work	275,937	17,982	82	3889
sqlservr	74,062	11,859	43	962
System	0	7,000	35	1033
perfwcol	1,110	4,500	2	71
inetinfo	3,016	2,469	21	342
sqlagent	610	63	9	98
saposcol	125	109	4	77
SERVICES	32	125	20	285
msdtc	16	62	21	110

MEM absolute----

	PID	Private	Shared
sqlservr	153	880,480,256	0

disp+work	257	17,899,520	0
disp+work	267	16,699,392	0
disp+work	323	14,749,696	0
disp+work	330	12,406,784	0
disp+work	259	11,264,000	0
disp+work	299	10,256,384	0
disp+work	296	8,351,744	0
disp+work	254	7,884,800	0
disp+work	362	6,930,432	0

MEM group-----

	Private	Shared
sqlservr	880,480,256	0
disp+work	131,387,392	0
mmc	4,341,760	0
sqlagent	2,351,104	0
perfwcol	1,658,880	0
msg_server	1,564,672	0
SERVICES	1,441,792	0
saposcol	1,413,120	0
sqlmangr	1,409,024	0
EXPLORER	1,376,256	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 7) -----

Thu Jan 18 05:09:00 2001

--VMstat-----

Processors: 2
 Interval: 3,613,419,200 (us)
 usr: 4.90% sys: 0.60% idle: 188.22%
 queue: 0 freepte: 39590
 pi: 1.73/s po: 2.27/s

--IOstat-----

DK	Signature	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	5,115,904	4,850,176	596.42	750.39	2253.15	1179
1091	0 0 3,599,984,375						
1	CE2EE96C	20,445,696	43,931,648	1792.79	1255.59	551.59	4631
1355	0 0 3,599,984,375						
2	CE1F98E1	1,015,808	13,172,736	159.80	31218.14	0.00	124
1040	0 0 31,377,950,478						
3	CE2EE96D	81,920	585,728	9.94	14.66	3575.38	10
13	0 0 3,599,984,375						

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	124	2,048	6.05%
631AF993 2					
D:\pagefile.sys		PagingFile	2,432,956	3,072,000	79.20%
B5D97A0C 3000					

H:\pagefile.sys 00D37BF0 180	PagingFile	3,424	184,320	1.86%
C:\ B8BA90A3 0	NTFS	1,099,109	4,192,492	26.22%
D:\ 6470EC21 0	NTFS	121,436	12,129,484	1.00%
E:\ E8E20702 0	NTFS	3,130,168	35,540,408	8.81%
F:\ A891FC02 0	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	NTFS	21,314	208,025	10.25%

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,599,968,750							
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]			3,599,968,750				

--TopTen-----

Interval: 3,599,968,750 (us)
 ActiveCPUs: 2
 TotalProcesses: 50
 TotalThreads: 329
 TotalIO: 0
 TotalHandles: 8470

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,801,407	2	0
disp+work	290	220,156	11,938	4	171
sqlservr	153	75,297	11,485	43	962
disp+work	299	29,329	2,562	4	177
disp+work	323	7,812	922	4	166
System	2	0	7,281	35	1033
disp+work	296	5,890	578	4	167
disp+work	267	5,375	546	4	283
perfwcol	179	1,297	4,297	2	71
inetinfo	133	2,734	2,641	21	342

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,801,407	2	0
disp+work	274,592	17,359	82	3893
sqlservr	75,297	11,485	43	962
System	0	7,281	35	1033
perfwcol	1,297	4,297	2	71
inetinfo	2,734	2,641	21	342
sqlagent	468	47	9	98
saposcol	94	282	4	77
SERVICES	15	140	20	285
msdtc	0	47	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	867,102,720	0
disp+work	257	18,313,216	0
disp+work	323	15,831,040	0
disp+work	290	15,097,856	0

disp+work	330	12,525,568	0
disp+work	267	11,501,568	0
disp+work	296	9,949,184	0
disp+work	254	7,880,704	0
disp+work	299	7,639,040	0
disp+work	356	7,049,216	0

MEM group-----

	Private	Shared
sqlservr	867,102,720	0
disp+work	135,348,224	0
mmc	4,341,760	0
sqlagent	2,351,104	0
perfwcol	1,658,880	0
msg_server	1,609,728	0
SERVICES	1,470,464	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0
EXPLORER	1,376,256	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 8) -----
Thu Jan 18 06:09:00 2001

--VMstat-----

Processors:	2				
Interval:	3,586,512,100 (us)				
usr:	5.38%	sys:	0.60%	idle:	188.76%
queue:	0	freepte:	39590		
pi:	2.49/s	po:	2.10/s		

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	7,949,312	4,606,976	878.72	698.52	2022.76	1712
1030	0	0	3,600,015,625				
1	CE2EE96C	28,785,152	41,876,480	2346.40	1288.21	0.00	6552
1389	0	0	3,634,621,595				
2	CE1F98E1	39,854,080		24,57646027.57	3.21	0.00	3388
3	0	0	46,030,783,870				
3	CE2EE96D	1,794,048	2,322,432	45.24	138.07	3416.63	37
41	0	0	3,599,953,125				

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	128	2,048	6.25%
631AF993 2					
D:\pagefile.sys		PagingFile	2,432,500	3,072,000	79.18%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	3,440	184,320	1.87%
00D37BF0 180					
C:\	0	NTFS	1,099,109	4,192,492	26.22%

B8BA90A3 0						
D:\	1	NTFS	120,348	12,129,484	0.99%	
6470EC21 0						
E:\	2	NTFS	3,130,168	35,540,408	8.81%	
E8E20702 0						
F:\	3	NTFS	559,972	1,198,060	46.74%	
A891FC02 0						
H:\	0	NTFS	21,314	208,025	10.25%	
5CDA4CC9 0						

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,600,000,000							
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]		3,600,000,000					

--TopTen-----

Interval:	3,600,000,000 (us)
ActiveCPUs:	2
TotalProcesses:	50
TotalThreads:	329
TotalIO:	0
TotalHandles:	8476

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,770,109	2	0
disp+work	290	215,953	11,391	4	171
sqlservr	153	88,062	11,984	43	962
disp+work	299	35,000	3,016	4	179
disp+work	296	17,860	750	4	167
disp+work	356	9,328	406	4	163
disp+work	323	7,641	750	4	166
disp+work	257	6,703	906	4	663
System	2	0	6,438	35	1033
perfwcol	179	1,234	4,344	2	71

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,770,109	2	0
disp+work	294,236	17,626	82	3899
sqlservr	88,062	11,984	43	962
System	0	6,438	35	1033
perfwcol	1,234	4,344	2	71
inetinfo	1,875	1,546	21	342
sqlagent	922	62	9	98
saposcol	141	109	4	77
msdtc	16	94	21	110
SERVICES	16	63	20	285

MEM absolute-----

	PID	Private	Shared
sqlservr	153	869,076,992	0
disp+work	257	19,746,816	0
disp+work	323	15,761,408	0
disp+work	290	15,204,352	0
disp+work	330	12,673,024	0
disp+work	267	11,780,096	0
disp+work	296	10,698,752	0

disp+work	299	9,351,168	0
disp+work	356	8,249,344	0
disp+work	254	7,933,952	0

MEM group-----

	Private	Shared
sqlservr	869,076,992	0
disp+work	137,785,344	0
mmc	4,354,048	0
sqlagent	2,351,104	0
gwrd	1,847,296	0
perfwcol	1,654,784	0
msg_server	1,560,576	0
SERVICES	1,466,368	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 9) -----
Thu Jan 18 07:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,613,594,500 (us)
usr: 6.07% sys: 1.19% idle: 184.68%
queue: 0 freepte: 39385
pi: 17.57/s po: 10.39/s

--IOstat-----

Dk	Signature	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	43,363,840	19,882,496	6809.32	2847.97	0.00	9330
3482	1 0 9,657,299,247						
1	CE2EE96C	265,200,640	156,621,31225389.07	4996.59	0.00	51229	
4333	1 0 30,385,667,222						
2	CE1F98E1	5,391,056,896	8,364,03242311.94	13944.01	0.00	9808	
657	0 0 56,255,963,029						
3	CE2EE96D	548,864	1,438,720	34.90	42.59	3523.14	32
33	0 0 3,600,640,625						

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	120	2,048	5.86%
631AF993 2					
D:\pagefile.sys		PagingFile	2,436,856	3,072,000	79.32%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	3,576	184,320	1.94%
00D37BF0 180					
C:\	0	NTFS	1,099,109	4,192,492	26.22%
B8BA90A3 0					
D:\	1	NTFS	120,040	12,129,484	0.99%
6470EC21 0					

E:\	2	NTFS	3,130,168	35,540,408	8.81%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%
A891FC02 0					
H:\	0	NTFS	21,314	208,025	10.25%
5CDA4CC9 0					

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]								
6	1	1500	10000000	0	4	0	0	AMD PCNET Family Ethernet
Adapter								
								0004AC4CE34D 3,600,671,875

--TopTen-----

Interval: 3,600,640,625 (us)
 ActiveCPUs: 2
 TotalProcesses: 50
 TotalThreads: 331
 TotalIO: 0
 TotalHandles: 8520

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,673,922	2	0
disp+work	290	223,719	12,250	4	171
sqlservr	153	102,032	17,813	43	965
disp+work	257	31,563	5,360	4	663
disp+work	299	29,625	2,844	4	179
System	2	0	12,906	35	1045
disp+work	267	10,531	2,109	4	285
disp+work	270	9,547	1,797	4	176
disp+work	323	7,844	984	4	166
mmc	172	2,640	4,562	4	81

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,673,922	2	0
disp+work	330,985	28,939	82	3927
sqlservr	102,032	17,813	43	965
System	0	12,906	35	1045
mmc	2,640	4,562	4	81
perfwcol	1,172	4,484	2	71
inetinfo	1,578	1,657	21	342
sqlagent	407	109	9	98
saposcol	125	328	4	77
EXPLORER	125	235	4	55

MEM absolute-----

	PID	Private	Shared
sqlservr	153	810,029,056	0
disp+work	257	94,199,808	0
disp+work	267	72,314,880	0
disp+work	270	36,696,064	0
disp+work	274	17,391,616	0
disp+work	259	14,159,872	0
disp+work	330	12,705,792	0
disp+work	305	12,636,160	0
disp+work	290	12,021,760	0
disp+work	323	11,522,048	0

MEM group-----

	Private	Shared
sqlservr	810,029,056	0
disp+work	321,236,992	0
mmc	9,789,440	0
sqlagent	2,371,584	0
gwrd	1,695,744	0
perfwcol	1,634,304	0
msg_server	1,486,848	0
SERVICES	1,454,080	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 10) -----
Thu Jan 18 08:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,586,380,300 (us)
usr: 8.60% sys: 1.82% idle: 179.90%
queue: 0 freepte: 39300
pi: 29.95/s po: 23.63/s

--IOstat-----

Dk	Signature	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	70,411,776	35,246,080	11042.64	5426.62	0.00	16524
6567	0	0 16,469,277,106					
1	CE2EE96C	368,412,672	347,737,088	34606.29	11056.46	0.00	87938
9086	0	0 45,662,754,261					
2	CE1F98E1	9,248,825,344	44,646,400	94416.82	150154.96	0.00	12013
4177	0	0 244,571,785,623					
3	CE2EE96D	16,384	1,650,688	2.42	55.89	3541.14	2
25	0	0 3,599,468,750					

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	116	2,048	5.66%
631AF993 2					
D:\pagefile.sys		PagingFile	2,444,208	3,072,000	79.56%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	3,860	184,320	2.09%
00D37BF0 180					
C:\	0	NTFS	1,099,109	4,192,492	26.22%
B8BA90A3 0					
D:\	1	NTFS	119,964	12,129,484	0.99%
6470EC21 0					
E:\	2	NTFS	3,130,168	35,540,408	8.81%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%

A891FC02 0	0	NTFS	21,314	208,025	10.25%
H:\					
5CDA4CC9 0					

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]								
6	1	1500	10000000	1	12	0	0	AMD PCNET Family Ethernet
Adapter								
								3,599,453,125

--TopTen-----

Interval:	3,599,468,750 (us)
ActiveCPUs:	2
TotalProcesses:	50
TotalThreads:	330
TotalIO:	0
TotalHandles:	8528

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,452,203	2	0
disp+work	290	228,594	12,406	4	171
sqlservr	153	119,328	24,843	43	965
disp+work	267	61,094	8,750	4	287
disp+work	257	58,015	9,047	4	665
disp+work	299	29,562	3,297	4	179
disp+work	274	28,922	2,656	4	160
disp+work	259	26,578	4,000	4	188
disp+work	270	23,922	4,969	4	176
System	2	0	19,313	35	1047

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,452,203	2	0
disp+work	493,795	51,533	82	3935
sqlservr	119,328	24,843	43	965
System	0	19,313	35	1047
perfwcol	1,281	4,938	2	71
inetinfo	2,328	1,968	21	342
saposcol	265	391	4	77
SERVICES	47	203	20	285
sqlagent	140	32	9	98
msdtc	0	125	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	740,327,424	0
disp+work	257	138,932,224	0
disp+work	267	122,298,368	0
disp+work	270	54,812,672	0
disp+work	259	54,771,712	0
disp+work	274	27,979,776	0
disp+work	323	13,533,184	0
disp+work	305	13,168,640	0
disp+work	330	12,632,064	0
disp+work	290	11,563,008	0

MEM group-----

Private	Shared
---------	--------

sqlservr	740,327,424	0
disp+work	496,574,464	0
mmc	9,650,176	0
sqlagent	2,371,584	0
gwrd	1,613,824	0
perfwcol	1,609,728	0
SERVICES	1,519,616	0
msg_server	1,499,136	0
sqlmangr	1,409,024	0
msdtc	1,363,968	0

IO absolute-----
PID IO

IO group-----
IO

--Timestamp----- (Record 11) -----
Thu Jan 18 09:09:00 2001

--VMstat-----

Processors:	2										
Interval:	3,613,662,000 (us)										
usr:	11.77%	sys:	1.96%	idle:	171.76%	queue:	0 freepte:	39496	pi:	24.67/s po:	23.22/s
sys:	1.96%	idle:	171.76%	queue:	0 freepte:	39496	pi:	24.67/s po:	23.22/s		
idle:	171.76%										
queue:	0 freepte:	39496									
pi:	24.67/s po:	23.22/s									

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	59,459,072	30,252,032	8504.62	4400.66	0.00	13568
6139	0	0	12,905,292,039				
1	CE2EE96C	331,708,928	360,704,51225091.91	11899.00		0.00	71749
11253	0	0	36,990,920,067				
2	CE1F98E1	2,185,641,984	157,745,152112235.35	144613.04		0.00	
15216	5819	0	0	256,848,398,691			
3	CE2EE96D	90,112	2,018,816	12.58	81.99	3505.34	11
49	0	0	3,599,921,875				

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	120	2,048	5.86%
631AF993 2					
D:\pagefile.sys		PagingFile	2,425,572	3,072,000	78.96%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	2,628	184,320	1.43%
00D37BF0 180					
C:\	0	NTFS	1,099,109	4,192,492	26.22%
B8BA90A3 0					
D:\	1	NTFS	116,828	12,129,484	0.96%
6470EC21 0					
E:\	2	NTFS	3,027,768	35,540,408	8.52%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%
A891FC02 0					
H:\	0	NTFS	21,314	208,025	10.25%
5CDA4CC9 0					

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]				3,599,937,500				
6	1	1500	10000000	1	17	0	0	AMD PCNET Family Ethernet
Adapter				3,599,937,500				

--TopTen-----

Interval: 3,599,937,500 (us)
ActiveCPUs: 2
TotalProcesses: 50
TotalThreads: 328
TotalIO: 0
TotalHandles: 8535

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,207,047	2	0
disp+work	290	244,140	13,281	4	171
sqlservr	153	165,703	28,782	43	959
disp+work	257	132,188	15,734	4	669
disp+work	267	126,594	15,063	4	287
disp+work	274	44,812	4,438	4	160
disp+work	270	35,062	5,422	4	176
disp+work	299	29,094	3,156	4	179
disp+work	305	23,594	3,031	4	159
System	2	0	25,265	35	1054

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,207,047	2	0
disp+work	681,220	69,231	82	3948
sqlservr	165,703	28,782	43	959
System	0	25,265	35	1054
perfwcol	1,141	4,812	2	71
inetinfo	1,625	1,563	21	342
saposcol	344	531	4	77
sqlagent	563	78	8	93
SPOOLSS	78	172	7	148
SERVICES	63	156	20	286

MEM absolute-----

	PID	Private	Shared
sqlservr	153	709,849,088	0
disp+work	257	152,592,384	0
disp+work	267	137,375,744	0
disp+work	270	47,816,704	0
disp+work	259	24,985,600	0
disp+work	274	16,535,552	0
disp+work	323	16,441,344	0
disp+work	305	13,455,360	0
disp+work	330	13,398,016	0
disp+work	290	12,525,568	0

MEM group-----

	Private	Shared
sqlservr	709,849,088	0
disp+work	476,282,880	0
mmc	9,789,440	0

sqlagent	2,265,088	0
gwrd	2,105,344	0
perfwcol	1,654,784	0
msg_server	1,470,464	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0
SERVICES	1,372,160	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 12) -----
Thu Jan 18 10:09:00 2001

--VMstat-----
Processors: 2
Interval: 3,600,061,800 (us)
usr: 8.29% sys: 1.42% idle: 180.56%
queue: 0 freepte: 39590
pi: 9.80/s po: 17.81/s

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	20,634,112	22,803,968	2816.46	3143.95	0.00	4597
4794	0	0 5,960,423,308					
1	CE2EE96C	337,077,248	272,611,840	9950.42	8343.35	0.00	29598
7932	0	0 18,293,783,366					
2	CE1F98E1	15,704,064	45,809,664	3286.01	112136.56	0.00	1898
4567	0	0 115,422,586,516					
3	CE2EE96D	180,224	1,769,472	8.47	65.86	3525.72	8
28	0	0 3,600,062,500					

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	128	2,048	6.25%
631AF993 2					
D:\pagefile.sys		PagingFile	2,429,128	3,072,000	79.07%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	3,084	184,320	1.67%
00D37BF0 180					
C:\	0	NTFS	1,099,109	4,192,492	26.22%
B8BA90A3 0					
D:\	1	NTFS	116,800	12,129,484	0.96%
6470EC21 0					
E:\	2	NTFS	3,027,768	35,540,408	8.52%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%
A891FC02 0					
H:\	0	NTFS	21,314	208,025	10.25%
5CDA4CC9 0					

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
---	---	-----	-------	---------	---------	-----	-----	-----------

24	1	1500	10000000	0	0	0	0	MS	TCP	Loopback interface
[None] 3,600,046,875										
6	1	1500	10000000	1	11	0	0	AMD	PCNET	Family Ethernet
Adapter [0004AC4CE34D] 3,600,046,875										

--TopTen-----

Interval:	3,600,031,250 (us)
ActiveCPUs:	2
TotalProcesses:	50
TotalThreads:	330
TotalIO:	0
TotalHandles:	8537

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,500,453	2	0
disp+work	290	222,797	12,516	4	171
sqlservr	153	112,687	19,203	43	963
disp+work	257	68,359	11,453	4	673
disp+work	267	67,500	9,359	4	287
disp+work	270	33,516	5,594	4	176
disp+work	299	29,156	3,469	4	179
disp+work	274	19,688	2,281	4	160
System	2	0	20,391	37	1050
disp+work	305	10,375	1,188	4	159

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,500,453	2	0
disp+work	479,439	51,296	82	3950
sqlservr	112,687	19,203	43	963
System	0	20,391	37	1050
perfwcol	1,203	4,485	2	71
inetinfo	2,172	2,078	21	342
mmc	344	656	4	81
sqlagent	609	156	8	93
saposcol	235	422	4	77
SPOOLSS	62	172	7	148

MEM absolute-----

	PID	Private	Shared
sqlservr	153	717,778,944	0
disp+work	257	135,245,824	0
disp+work	267	126,996,480	0
disp+work	270	55,980,032	0
disp+work	259	15,212,544	0
disp+work	274	14,708,736	0
disp+work	330	11,984,896	0
disp+work	323	11,640,832	0
mmc	172	9,797,632	0
disp+work	290	9,711,616	0

MEM group-----

	Private	Shared
sqlservr	717,778,944	0
disp+work	424,202,240	0
mmc	9,797,632	0
sqlagent	2,265,088	0
perfwcol	1,609,728	0
msg_server	1,462,272	0

SERVICES	1,458,176	0
sqlmangr	1,409,024	0
EXPLORER	1,372,160	0
saposcol	1,359,872	0

IO absolute-----	
PID	IO
IO group-----	IO

--Timestamp----- (Record 13) -----
Thu Jan 18 11:09:00 2001

--VMstat-----
Processors: 2
Interval: 3,600,024,100 (us)
usr: 6.28% sys: 0.92% idle: 185.56%
queue: 0 freepte: 39590
pi: 5.04/s po: 8.53/s

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	12,894,720	12,226,560	1602.43	1716.77	280.73	2923
2601	0	3,599,937,500					
1	CE2EE96C	71,990,272	136,085,504	4393.05	3789.30	0.00	14480
4034	0	8,182,350,902					
2	CE1F98E1	8,314,880	25,313,280	1148.37	59131.20	0.00	928
2481	0	60,279,582,917					
3	CE2EE96D	32,768	716,800	3.24	18.22	3578.40	4
14	0	3,599,875,000					

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	116	2,048	5.66%
631AF993 2					
D:\pagefile.sys		PagingFile	2,413,524	3,072,000	78.57%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	2,332	184,320	1.27%
00D37BF0 180					
C:\	0	NTFS	1,099,109	4,192,492	26.22%
B8BA90A3 0					
D:\	1	NTFS	116,768	12,129,484	0.96%
6470EC21 0					
E:\	2	NTFS	3,027,768	35,540,408	8.52%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%
A891FC02 0					
H:\	0	NTFS	21,314	208,025	10.25%
5CDA4CC9 0					

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]								
								3,599,875,000

6 1 1500 10000000 0 3 0 0 AMD PCNET Family Ethernet
Adapter [0004AC4CE34D] 3,599,875,000

--TopTen-----

Interval: 3,599,906,250 (us)

ActiveCPUs: 2

TotalProcesses: 50

TotalThreads: 331

TotalIO: 0

TotalHandles: 8536

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,680,453	2	0
disp+work	290	239,344	14,609	4	171
sqlservr	153	90,063	15,297	43	965
disp+work	299	29,547	2,984	4	179
disp+work	270	23,234	3,890	4	176
disp+work	257	23,750	2,860	4	677
disp+work	267	12,328	1,859	4	287
System	2	0	12,797	37	1047
disp+work	323	8,766	875	4	166
disp+work	296	6,750	641	4	167

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,680,453	2	0
disp+work	358,045	30,266	82	3948
sqlservr	90,063	15,297	43	965
System	0	12,797	37	1047
perfwcol	1,156	4,515	2	71
inetinfo	1,953	1,891	21	342
sqlagent	1,047	63	8	93
saposcol	234	156	4	77
SERVICES	47	94	20	286
gwrd	32	94	6	164

MEM absolute-----

	PID	Private	Shared
sqlservr	153	724,701,184	0
disp+work	257	130,547,712	0
disp+work	267	79,089,664	0
disp+work	270	32,002,048	0
disp+work	290	24,842,240	0
disp+work	323	13,447,168	0
disp+work	330	12,316,672	0
mmc	172	9,687,040	0
disp+work	296	9,310,208	0
disp+work	254	7,954,432	0

MEM group-----

	Private	Shared
sqlservr	724,701,184	0
disp+work	353,329,152	0
mmc	9,687,040	0
sqlagent	2,265,088	0
gwrd	2,146,304	0
perfwcol	1,662,976	0
msg_server	1,527,808	0
SERVICES	1,490,944	0
saposcol	1,413,120	0

sqlmangr		1,409,024	0					
IO	absolute-----							
	PID	IO						
IO	group-----							
	IO							
--Timestamp----- (Record 14) -----								
Thu Jan 18 12:09:00 2001								
--VMstat-----								
Processors: 2								
Interval: 3,586,080,900 (us)								
usr: 5.34% sys: 0.65% idle: 188.78%								
queue: 0 freepte: 39590								
pi: 3.85/s po: 4.39/s								
--IOstat-----								
Dk	Signature	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)	
W(c)	Q	S						
0	35CB34EC	9,034,752	7,531,008	1071.82	1030.60	1497.57	2069	
1563	0 0	3,600,000,000						
1	CE2EE96C	58,501,120	76,995,072	3152.20	2286.69	0.00	11464	
2474	0 0	5,438,907,089						
2	CE1F98E1	3,284,992		16,384	270.46	1.94	3327.59	
2	0 0	3,600,000,000					389	
3	CE2EE96D	0	552,960	0.00	10.10	3589.89	0	
9	0 0	3,600,000,000						
--FSstat-----								
MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free			
VolNum								
C:\pagefile.sys		PagingFile	120	2,048	5.86%			
631AF993 2								
D:\pagefile.sys		PagingFile	2,415,724	3,072,000	78.64%			
B5D97A0C 3000								
H:\pagefile.sys		PagingFile	2,476	184,320	1.34%			
00D37BF0 180								
C:\	0	NTFS	1,099,109	4,192,492	26.22%			
B8BA90A3 0								
D:\	1	NTFS	116,588	12,129,484	0.96%			
6470EC21 0								
E:\	2	NTFS	3,027,768	35,540,408	8.52%			
E8E20702 0								
F:\	3	NTFS	559,972	1,198,060	46.74%			
A891FC02 0								
H:\	0	NTFS	21,314	208,025	10.25%			
5CDA4CC9 0								
--Network-----								
T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,599,953,125							
6	1	1500	10000000	0	1	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]			3,599,953,125				

--TopTen-----
 Interval: 3,599,984,375 (us)
 ActiveCPUs: 2
 TotalProcesses: 50
 TotalThreads: 332
 TotalIO: 0
 TotalHandles: 8548

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,770,094	2	0
disp+work	290	226,062	10,297	4	171
sqlservr	153	77,891	12,078	43	967
disp+work	299	29,625	2,906	4	179
disp+work	257	9,891	1,468	4	679
disp+work	296	10,312	547	4	167
disp+work	323	8,015	657	4	166
System	2	0	7,594	37	1048
disp+work	267	5,328	532	4	289
perfwcol	179	1,000	4,547	2	71

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,770,094	2	0
disp+work	300,343	18,250	82	3954
sqlservr	77,891	12,078	43	967
System	0	7,594	37	1048
perfwcol	1,000	4,547	2	71
inetinfo	2,797	2,672	21	342
sqlagent	891	171	8	93
saposcol	78	219	4	77
SERVICES	31	234	21	288
LSASS	16	32	12	102

MEM absolute-----

	PID	Private	Shared
sqlservr	153	724,893,696	0
disp+work	257	128,856,064	0
disp+work	267	86,138,880	0
disp+work	270	32,739,328	0
disp+work	290	17,399,808	0
disp+work	274	15,421,440	0
disp+work	323	15,020,032	0
disp+work	330	13,037,568	0
disp+work	296	12,021,760	0
mmc	172	9,687,040	0

MEM group-----

	Private	Shared
sqlservr	724,893,696	0
disp+work	372,846,592	0
mmc	9,687,040	0
sqlagent	2,265,088	0
perfwcol	1,662,976	0
msg_server	1,609,728	0
SERVICES	1,490,944	0
saposcol	1,413,120	0
EXPLORER	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

	PID	IO						
IO group-----								
IO								
--Timestamp----- (Record 15) -----								
Thu Jan 18 13:09:00 2001								
--VMstat-----								
Processors: 2								
Interval: 3,613,994,400 (us)								
usr: 8.93% sys: 1.32% idle: 178.70%								
queue: 0 freepte: 39590								
pi: 16.09/s po: 18.13/s								
--IOstat-----								
Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)	
W(c)	Q S							
0	35CB34EC	37,955,584	22,844,928	5408.66	3364.65	0.00	8849	
5009	0 0	8,773,327,175						
1	CE2EE96C	215,400,960	278,340,608	16070.45	7988.35	0.00	47311	
7769	0 0	24,058,812,208						
2	CE1F98E1	21,651,456	45,572,096	2974.15	99174.99	0.00	2266	
4365	0 0	102,149,157,329						
3	CE2EE96D	32,768	1,516,544	5.02	60.44	3534.61	4	
23	0 0	3,600,078,125						
--FSstat-----								
MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free			
VolNum								
C:\pagefile.sys		PagingFile	128	2,048	6.25%			
631AF993 2								
D:\pagefile.sys		PagingFile	2,406,600	3,072,000	78.34%			
B5D97A0C 3000								
H:\pagefile.sys		PagingFile	1,784	184,320	0.97%			
00D37BF0 180								
C:\	0	NTFS	1,099,109	4,192,492	26.22%			
B8BA90A3 0								
D:\	1	NTFS	116,372	12,129,484	0.96%			
6470EC21 0								
E:\	2	NTFS	3,027,768	35,540,408	8.52%			
E8E20702 0								
F:\	3	NTFS	559,972	1,198,060	46.74%			
A891FC02 0								
H:\	0	NTFS	21,314	208,025	10.25%			
5CDA4CC9 0								
--Network-----								
T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,600,140,625							
6	1	1500	10000000	1	12	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]	3,600,140,625						
--TopTen-----								
Interval:	3,600,093,750 (us)							
ActiveCPUs:	2							

TotalProcesses: 50
 TotalThreads: 328
 TotalIO: 0
 TotalHandles: 8558

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,458,344	2	0
disp+work	290	223,516	13,625	4	171
sqlservr	153	123,515	20,469	43	969
disp+work	267	115,656	10,609	4	289
disp+work	257	68,765	7,750	4	683
disp+work	299	29,797	3,172	4	179
disp+work	274	19,687	2,125	4	160
System	2	0	17,609	35	1051
disp+work	305	14,547	1,610	4	159
disp+work	270	11,328	1,875	4	176

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,458,344	2	0
disp+work	517,623	47,124	82	3964
sqlservr	123,515	20,469	43	969
System	0	17,609	35	1051
perfwcol	1,422	4,422	2	71
inetinfo	1,672	1,703	21	342
sqlagent	828	94	8	93
saposcol	266	375	4	77
SERVICES	109	125	20	286
msdtc	62	94	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	728,489,984	0
disp+work	257	143,519,744	0
disp+work	267	103,096,320	0
disp+work	323	51,081,216	0
disp+work	270	35,426,304	0
disp+work	274	15,572,992	0
disp+work	290	14,798,848	0
disp+work	259	12,541,952	0
disp+work	330	12,230,656	0
disp+work	296	11,108,352	0

MEM group-----

	Private	Shared
sqlservr	728,489,984	0
disp+work	460,496,896	0
mmc	9,682,944	0
gwrd	2,924,544	0
sqlagent	2,265,088	0
perfwcol	1,658,880	0
msg_server	1,544,192	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0
SERVICES	1,392,640	0

IO absolute-----

PID	IO
-----	----

IO group-----

10

--Timestamp----- (Record 16) -----
Thu Jan 18 14:09:00 2001

--VMstat

```
Processors: 2
  Interval: 3,600,042,000 (us)
usr: 8.96% sys: 1.52% idle: 179.01%
queue: 0 freepte: 39590
pi: 23.73/s po: 20.58/s
```

--IOstat--

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	55,858,176	26,415,104	8099.28	4145.70	0.00	12707
5881	0 0 12,244,996,795						
1	CE2EE96C	309,177,856	314,481,66421444.06	9355.81		0.00	69985
9156	0 0 30,799,881,911						
2	CE1F98E1	52,355,072	26,378,240	8915.40	79102.25	0.00	4900
2842	0 0 88,017,652,084						
3	CE2EE96D	65,536	21,647,360	10.91	20125.52	0.00	8
386	0 0 20,136,439,648						

--FSstat--

MountPoint VolNum	PhysDrv	Type	Free(KB)	Total(KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	120	2,048	5.86%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,391,916	3,072,000	77.86%
H:\pagefile.sys 00D37BF0 180		PagingFile	1,088	184,320	0.59%
C:\ B8BA90A3 0	0	NTFS	1,099,012	4,192,492	26.21%
D:\ 6470EC21 0	1	NTFS	116,296	12,129,484	0.96%
E:\ E8E20702 0	2	NTFS	3,027,768	35,540,408	8.52%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Networks:

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None] 3,599,984,375								
6	1	1500	10000000	1	12	0	0	AMD PCNET Family Ethernet
Adapter [0004AC4CE34D] 3,599,984,375								

--TopTen--

```
Interval:      3,599,984,375 (us)
ActiveCPUs:    2
TotalProcesses: 50
TotalThreads:   328
TotalIO:        0
```

TotalHandles: 8565

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,444,500	2	0
disp+work	290	224,172	12,547	4	171
sqlservr	153	127,750	21,781	43	971
disp+work	257	80,891	11,266	4	687
disp+work	267	65,750	10,891	4	289
disp+work	299	29,375	3,359	4	179
disp+work	270	28,594	2,953	4	176
System	2	0	21,406	35	1055
disp+work	323	18,547	2,797	4	166
disp+work	274	18,954	2,015	4	160

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,444,500	2	0
disp+work	513,956	53,704	82	3965
sqlservr	127,750	21,781	43	971
System	0	21,406	35	1055
perfwcol	938	4,687	2	71
inetinfo	1,656	1,672	21	342
sqlagent	578	141	8	93
saposcol	187	422	4	77
SPOOLSS	235	157	7	148
SERVICES	63	282	20	286

MEM absolute-----

	PID	Private	Shared
sqlservr	153	704,569,344	0
disp+work	257	135,393,280	0
disp+work	267	125,841,408	0
disp+work	270	46,485,504	0
disp+work	323	38,518,784	0
disp+work	330	26,054,656	0
disp+work	259	22,220,800	0
disp+work	274	21,331,968	0
disp+work	305	15,630,336	0
disp+work	290	13,352,960	0

MEM group-----

	Private	Shared
sqlservr	704,569,344	0
disp+work	491,585,536	0
mmc	9,687,040	0
sqlagent	2,240,512	0
perfwcol	1,654,784	0
gwrd	1,634,304	0
msg_server	1,568,768	0
SERVICES	1,425,408	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 17) -----
Thu Jan 18 15:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,585,866,200 (us)
usr: 6.63% sys: 0.98% idle: 185.54%
queue: 0 freepte: 39590
pi: 10.04/s po: 12.39/s

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	28,039,168	20,866,048	3658.82	2588.25	0.00	5852
3703	0 0	6,247,077,672					
1	CE2EE96C	136,020,992	189,797,376	9274.91	5120.55	0.00	27710
5363	0 0	14,395,475,520					
2	CE1F98E1	19,988,480	21,749,760	6268.15	49485.03	0.00	1854
1936	0 0	55,753,191,085					
3	CE2EE96D	3,022,848	4,022,272	33.22	188.54	3378.23	67
68	0 0	3,600,000,000					

--FSstat-----

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
C:\pagefile.sys		PagingFile	116	2,048	5.66%
631AF993 2					
D:\pagefile.sys		PagingFile	2,394,984	3,072,000	77.96%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	1,912	184,320	1.04%
00D37BF0 180					
C:\	0	NTFS	1,099,001	4,192,492	26.21%
B8BA90A3 0					
D:\	1	NTFS	116,172	12,129,484	0.96%
6470EC21 0					
E:\	2	NTFS	3,027,768	35,540,408	8.52%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%
A891FC02 0					
H:\	0	NTFS	21,314	208,025	10.25%
5CDA4CC9 0					

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]			3,599,984,375					
6	1	1500	10000000	0	6	0	0	AMD PCNET Family Ethernet
Adapter			[0004AC4CE34D]	3,599,984,375				

--TopTen-----

Interval: 3,599,968,750 (us)
ActiveCPUs: 2
TotalProcesses: 51
TotalThreads: 329
TotalIO: 0
TotalHandles: 8651

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,653,547	2	0
disp+work	290	223,406	12,265	4	171
sqlservr	153	97,813	15,515	43	958
disp+work	299	29,437	3,032	4	179
disp+work	267	26,969	3,875	4	289
System	2	0	13,031	35	1050
disp+work	270	10,281	1,422	4	176
disp+work	323	8,000	1,031	4	166
disp+work	274	7,828	875	4	160
disp+work	397	6,625	687	4	160

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,653,547	2	0
disp+work	334,624	27,046	82	3437
sqlservr	97,813	15,515	43	958
System	0	13,031	35	1050
perfwcol	1,046	4,454	2	71
inetinfo	1,735	1,625	21	342
DRWTSN32	328	703	1	622
sqlagent	734	94	8	93
saposcol	94	234	4	77
SERVICES	94	156	20	289

MEM absolute-----

	PID	Private	Shared
sqlservr	153	706,842,624	0
disp+work	267	108,457,984	0
disp+work	397	46,120,960	0
disp+work	270	40,566,784	0
disp+work	323	28,794,880	0
disp+work	290	13,889,536	0
disp+work	330	13,312,000	0
disp+work	274	10,153,984	0
disp+work	296	10,055,680	0
disp+work	259	9,711,616	0

MEM group-----

	Private	Shared
sqlservr	706,842,624	0
disp+work	324,050,944	0
mmc	9,682,944	0
sqlagent	2,248,704	0
gwrd	2,146,304	0
perfwcol	1,654,784	0
msg_server	1,560,576	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0
msdtc	1,372,160	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 18) -----
Thu Jan 18 16:09:00 2001

```

--VMstat-----
Processors: 2
  Interval: 3,599,989,400 (us)
  usr: 8.89% sys: 1.89% idle: 178.43%
  queue: 0 freepte: 39590
  pi: 9.79/s po: 16.62/s

--IOstat-----
Dk Signatur      Read(B)    Write(B)  Read(t) Write(t)  Idle(t)  R(c)
W(c)  Q  S
-----
  0 35CB34EC    21,124,608   24,628,736 2862.25 2929.93   0.00   4938
  4518 0 0 5,792,192,835
  1 CE2EE96C    133,763,072   252,774,912 9501.33 7129.33   0.00 29649
  7568 0 0 16,630,666,634
  2 CE1F98E1    21,651,456    32,374,784 7040.96 61060.04   0.00  2311
  2684 0 0 68,101,004,980
  3 CE2EE96D    1,392,640     2,314,240   6.75   90.70  3502.57   23
  37 0 0 3,600,031,250

--FSstat-----
MountPoint      PhysDrv      Type        Free(KB)  Total(KB)  %free
VolNum
-----
C:\pagefile.sys          PagingFile    124        2,048   6.05%
631AF993 2
D:\pagefile.sys          PagingFile   2,379,708  3,072,000 77.46%
B5D97A0C 3000
H:\pagefile.sys          PagingFile    1,700      184,320  0.92%
00D37BF0 180
C:\          0            NTFS        1,099,001  4,192,492 26.21%
B8BA90A3 0
D:\          1            NTFS        114,948   12,129,484 0.95%
6470EC21 0
E:\          2            NTFS        3,027,768  35,540,408 8.52%
E8E20702 0
F:\          3            NTFS        559,972   1,198,060 46.74%
A891FC02 0
H:\          0            NTFS        21,314    208,025  10.25%
5CDA4CC9 0

--Network-----
T  S  MTU      Speed RX-Kb/s TX-Kb/s RXe TXe Interface
-----
24 1 1500 10000000      0      0  0  0 MS TCP Loopback interface
[None] 3,600,109,375
  6 1 1500 10000000      1     14  0  0 AMD PCNET Family Ethernet
Adapter [0004AC4CE34D] 3,600,109,375

--TopTen-----
Interval: 3,600,109,375 (us)
ActiveCPUs: 2
TotalProcesses: 51
TotalThreads: 332
TotalIO: 0
TotalHandles: 8665

CPU absolute-----
          PID      User      Sys  ThrdS  Hlds
          Idle      0  6,423,578    2      0
  disp+work 290  224,313  11,969    4  171

```

sqlservr	153	127,000	20,297	43	965
disp+work	267	85,485	20,812	4	291
disp+work	397	88,296	15,031	4	169
System	2	0	41,782	37	1048
disp+work	299	29,203	3,500	4	179
disp+work	270	27,516	4,828	4	176
disp+work	305	20,671	2,281	4	159
disp+work	274	12,140	1,797	4	160

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,423,578	2	0
disp+work	509,218	63,798	82	3448
sqlservr	127,000	20,297	43	965
System	0	41,782	37	1048
perfwcol	1,157	4,484	2	71
inetinfo	1,703	1,578	21	342
sqlagent	719	140	8	93
saposcol	156	266	4	77
gwrd	62	93	6	164
SERVICES	0	141	20	289

MEM absolute-----

	PID	Private	Shared
sqlservr	153	707,829,760	0
disp+work	397	122,122,240	0
disp+work	267	118,964,224	0
disp+work	270	96,399,360	0
disp+work	274	22,401,024	0
disp+work	305	17,231,872	0
disp+work	290	11,591,680	0
disp+work	330	10,891,264	0
disp+work	323	10,813,440	0
mmc	172	9,687,040	0

MEM group-----

	Private	Shared
sqlservr	707,829,760	0
disp+work	447,066,112	0
mmc	9,687,040	0
sqlagent	2,244,608	0
perfwcol	1,658,880	0
msg_server	1,466,368	0
SERVICES	1,417,216	0
saposcol	1,413,120	0
sqlmangr	1,409,024	0
msdtc	1,372,160	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 19) -----
Thu Jan 18 17:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,599,952,100 (us)

usr: 7.44% sys: 1.15% idle: 182.79%
queue: 0 freepte: 39590
pi: 6.16/s po: 13.45/s

--IOstat--

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	12,957,696	17,926,144	1745.79	2405.92	0.00	2926
3730	0 0 4,151,715,611						
1	CE2EE96C	95,968,256	210,708,992	5793.25	6094.12	0.00	18579
6557	0 0 11,887,387,605						
2	CE1F98E1	14,614,528	23,224,320	1111.76	45070.37	0.00	1753
2095	0 0 46,182,142,345						
3	CE2EE96D	1,425,408	2,162,688	12.79	98.27	3488.82	27
38	0 0 3,599,890,625						

--FSstat--

MountPoint	PhysDrv	Type	Free(KB)	Total(KB)	%free
VolNum					
C:\pagefile.sys		PagingFile	120	2,048	5.86%
631AF993 2					
D:\pagefile.sys		PagingFile	2,381,852	3,072,000	77.53%
B5D97A0C 3000					
H:\pagefile.sys		PagingFile	2,128	184,320	1.15%
00D37BF0 180					
C:\	0	NTFS	1,099,001	4,192,492	26.21%
B8BA90A3 0					
D:\	1	NTFS	115,116	12,129,484	0.95%
6470EC21 0					
E:\	2	NTFS	3,027,768	35,540,408	8.52%
E8E20702 0					
F:\	3	NTFS	559,972	1,198,060	46.74%
A891FC02 0					
H:\	0	NTFS	21,314	208,025	10.25%
5CDA4CC9 0					

--Network--

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]		3,599,812,500						
6	1	1500	10000000	0	9	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]	3,599,812,500						

--TopTen--

Interval: 3,599,812,500 (us)
ActiveCPUs: 2
TotalProcesses: 51
TotalThreads: 332
TotalIO: 0
TotalHandles: 8636

CPU absolute--

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,580,625	2	0
disp+work	290	222,156	11,828	4	171
sqlservr	153	101,453	17,938	43	967
disp+work	397	63,579	7,703	4	173
disp+work	267	53,218	7,063	4	291

disp+work	299	28,813	3,375	4	179
disp+work	305	14,860	1,688	4	159
System	2	0	15,922	37	1037
disp+work	270	13,062	2,282	4	176
disp+work	274	13,157	2,000	4	160

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,580,625	2	0
disp+work	429,751	39,673	82	3426
sqlservr	101,453	17,938	43	967
System	0	15,922	37	1037
perfwcol	984	4,781	2	71
inetinfo	2,781	2,297	21	342
sqlagent	656	63	8	93
saposcol	235	203	4	77
msdtc	31	109	21	110
SERVICES	31	62	20	289

MEM absolute-----

	PID	Private	Shared
sqlservr	153	724,668,416	0
disp+work	267	108,761,088	0
disp+work	397	108,056,576	0
disp+work	290	15,904,768	0
disp+work	323	14,020,608	0
disp+work	270	12,587,008	0
disp+work	330	11,407,360	0
mmc	172	9,797,632	0
disp+work	356	8,867,840	0
disp+work	296	8,822,784	0

MEM group-----

	Private	Shared
sqlservr	724,668,416	0
disp+work	334,340,096	0
mmc	9,797,632	0
sqlagent	2,252,800	0
perfwcol	1,658,880	0
SERVICES	1,622,016	0
msg_server	1,560,576	0
saposcol	1,413,120	0
EXPLORER	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 20) -----
Thu Jan 18 18:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,599,975,700 (us)
usr: 4.95% sys: 0.59% idle: 188.88%
queue: 0 freepte: 39590
pi: 2.10/s po: 2.16/s

```
--IOstat-----
Dk Signatur          Read(B)    Write(B)  Read(t)  Write(t)  Idle(t)  R(c)
W(c)   Q   S
-----
0 35CB34EC      6,087,680    5,171,712  581.13    742.66  2276.19  1454
1041 0 0 3,600,000,000
1 CE2EE96C      24,870,912   44,877,824 1889.18   1328.59  382.21  5722
1477 0 0 3,600,000,000
2 CE1F98E1      1,024,000    8,626,176  236.89  19600.60    0.00   125
942 0 0 19,837,493,552
3 CE2EE96D      0           552,960    0.00    10.87  3589.12    0
9 0 0 3,600,000,000

--FSstat-----
MountPoint  PhysDrv  Type          Free(KB)  Total(KB)  %free
VolNum
-----
C:\pagefile.sys      PagingFile    120        2,048    5.86%
631AF993 2
D:\pagefile.sys      PagingFile   2,386,460  3,072,000  77.68%
B5D97A0C 3000
H:\pagefile.sys      PagingFile    2,480      184,320  1.35%
00D37BF0 180
C:\          0        NTFS        1,099,001  4,192,492  26.21%
B8BA90A3 0
D:\          1        NTFS        115,104   12,129,484  0.95%
E:\          2        NTFS        3,027,768  35,540,408  8.52%
E8E20702 0
F:\          3        NTFS        559,972   1,198,060  46.74%
H:\          0        NTFS        21,314    208,025   10.25%
5CDA4CC9 0

--Network-----
T   S   MTU      Speed RX-Kb/s TX-Kb/s RXe TXe Interface
-----
24  1  1500  10000000      0      0  0  0  MS TCP Loopback interface
[None] 3,599,812,500
6  1  1500  10000000      0      0  0  0  AMD PCNET Family Ethernet
Adapter [0004AC4CE34D] 3,599,812,500

--TopTen-----
Interval:      3,599,812,500 (us)
ActiveCPUs:    2
TotalProcesses: 51
TotalThreads:  331
TotalIO:       0
TotalHandles:  8628

CPU absolute-----
          PID   User      Sys  ThrdS  Hlds
          Idle   0  6,799,906    2    0
  disp+work 290  219,344  11,485    4  171
  sqlservr 153   72,859  11,484   43  967
  disp+work 299   30,172   2,906    4  179
  disp+work 296   10,047   515    4  167
  disp+work 323    8,094   907    4  166
  disp+work 397    6,375  1,047    4  177
  System    2      0  6,937   37 1033

```

perfwcol	179	1,188	4,328	2	71
disp+work	356	4,531	391	4	163

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,799,906	2	0
disp+work	280,220	17,734	82	3426
sqlservr	72,859	11,484	43	967
System	0	6,937	37	1033
perfwcol	1,188	4,328	2	71
inetinfo	1,672	1,656	21	342
sqlagent	672	78	8	93
SERVICES	78	141	20	289
saposcol	109	94	4	77
msdtc	63	47	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	727,207,936	0
disp+work	397	94,773,248	0
disp+work	267	76,574,720	0
disp+work	290	16,416,768	0
disp+work	323	14,204,928	0
disp+work	296	13,021,184	0
disp+work	330	12,775,424	0
disp+work	270	9,945,088	0
mmc	172	9,797,632	0
disp+work	254	7,987,200	0

MEM group-----

	Private	Shared
sqlservr	727,207,936	0
disp+work	281,296,896	0
mmc	9,797,632	0
sqlagent	2,252,800	0
gwrd	2,158,592	0
perfwcol	1,662,976	0
msg_server	1,560,576	0
SERVICES	1,458,176	0
EXPLORER	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 21) -----

Thu Jan 18 19:09:00 2001

--VMstat-----

Processors: 2

 Interval: 3,614,433,700 (us)
 usr: 5.42% sys: 0.57% idle: 187.20%
 queue: 0 freepte: 39590
 pi: 0.87/s po: 1.88/s

--IOstat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
----	----------	---------	----------	---------	----------	---------	------

W(c) Q S

0	35CB34EC	1,601,536	4,437,504	234.61	682.54	2682.83	390
979	0	0	3,600,000,000				
1	CE2EE96C	11,269,120	39,311,360	1013.35	1276.91	1309.72	2689
1391	0	0	3,600,000,000				
2	CE1F98E1	28,762,112	14,426,11226853.70	9844.53	0.00	2039	
810	0	0	36,698,244,965				
3	CE2EE96D	65,536	618,496	5.49	20.10	3574.40	8
18	0	0	3,600,000,000				

--FSstat--

MountPoint VolNum	PhysDrv	Type	Free(KB)	Total(KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	120	2,048	5.86%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,385,772	3,072,000	77.66%
H:\pagefile.sys 00D37BF0 180		PagingFile	2,464	184,320	1.34%
C:\ B8BA90A3 0	0	NTFS	1,099,001	4,192,492	26.21%
D:\ 6470EC21 0	1	NTFS	115,024	12,129,484	0.95%
E:\ E8E20702 0	2	NTFS	3,027,768	35,540,408	8.52%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network--

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,600,093,750							
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]	3,600,093,750						

--TopTen--

Interval: 3,600,093,750 (us)
ActiveCPUs: 2
TotalProcesses: 51
TotalThreads: 329
TotalIO: 0
TotalHandles: 8632

CPU absolute--

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,766,500	2	0
disp+work	290	223,468	9,953	4	171
sqlservr	153	85,844	12,266	43	967
disp+work	299	35,000	2,766	4	179
disp+work	296	17,750	828	4	167
disp+work	356	9,687	562	4	163
disp+work	323	8,015	1,062	4	166
disp+work	397	6,578	782	4	181
System	2	0	6,188	35	1033
perfwcol	179	1,421	4,203	2	71

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,766,500	2	0
disp+work	302,263	16,436	82	3430
sqlservr	85,844	12,266	43	967
System	0	6,188	35	1033
perfwcol	1,421	4,203	2	71
inetinfo	1,891	1,562	21	342
sqlagent	328	31	8	93
saposcol	109	203	4	77
SERVICES	47	156	20	289
msdtc	15	32	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	759,226,368	0
disp+work	397	85,409,792	0
disp+work	267	47,423,488	0
disp+work	290	16,449,536	0
disp+work	323	15,499,264	0
disp+work	330	12,947,456	0
disp+work	296	11,165,696	0
mmc	172	9,797,632	0
disp+work	356	9,502,720	0
disp+work	254	7,958,528	0

MEM group-----

	Private	Shared
sqlservr	759,226,368	0
disp+work	241,762,304	0
mmc	9,797,632	0
sqlagent	2,252,800	0
gwrd	1,753,088	0
perfwcol	1,658,880	0
msg_server	1,560,576	0
saposcol	1,413,120	0
sqlmangr	1,409,024	0
EXPLORER	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 22) -----

Thu Jan 18 20:09:00 2001

--VMstat-----

Processors: 2

Interval: 3,585,495,500 (us)
 usr: 4.93% sys: 0.55% idle: 189.82%
 queue: 0 freepte: 39590
 pi: 0.07/s po: 1.55/s

--Iostat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	205,312	3,997,696	35.41	631.64	2932.93	43

900	0	0	3,600,000,000					
1	CE2EE96C	884,736	33,489,408	114.03	1020.14	2465.82	214	
1232	0	0	3,600,000,000					
2	CE1F98E1	933,888		0	92.31	0.00	3507.68	114
0	0	0	3,600,000,000					
3	CE2EE96D	8,192	561,152	1.35	13.25	3585.39	1	
11	0	0	3,600,000,000					

--FSstat-----

MountPoint VolNum	PhysDrv	Type	Free (KB)	Total (KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	120	2,048	5.86%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,382,948	3,072,000	77.57%
H:\pagefile.sys 00D37BF0 180		PagingFile	2,248	184,320	1.22%
C:\ B8BA90A3 0	0	NTFS	1,099,001	4,192,492	26.21%
D:\ 6470EC21 0	1	NTFS	114,036	12,129,484	0.94%
E:\ E8E20702 0	2	NTFS	3,027,768	35,540,408	8.52%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network-----

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,599,890,625							
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
Adapter	[0004AC4CE34D]							

--TopTen-----

Interval:	3,599,890,625 (us)
ActiveCPUs:	2
TotalProcesses:	51
TotalThreads:	330
TotalIO:	0
TotalHandles:	8638

CPU absolute-----

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,806,062	2	0
disp+work	290	223,500	11,078	4	171
sqlservr	153	73,875	10,765	43	967
disp+work	299	28,859	2,609	4	179
disp+work	323	8,172	813	4	166
System	2	0	6,343	35	1033
disp+work	397	5,390	718	4	185
disp+work	296	5,359	407	4	167
perfwcol	179	1,375	4,219	2	71
disp+work	356	3,657	250	4	163

CPU group-----

	User	Sys	Thrds	Hlds
Idle	0	6,806,062	2	0

disp+work	276,375	16,281	82	3434
sqlservr	73,875	10,765	43	967
System	0	6,343	35	1033
perfwcol	1,375	4,219	2	71
inetinfo	1,687	1,782	21	342
sqlagent	360	47	8	93
saposcol	94	187	4	77
msg_server	78	79	4	85
SERVICES	16	125	20	289

MEM absolute-----

	PID	Private	Shared
sqlservr	153	757,809,152	0
disp+work	397	77,152,256	0
disp+work	267	35,467,264	0
disp+work	323	16,543,744	0
disp+work	290	13,807,616	0
disp+work	330	13,312,000	0
disp+work	296	11,780,096	0
mmc	172	9,805,824	0
disp+work	254	7,962,624	0
disp+work	362	7,024,640	0

MEM group-----

	Private	Shared
sqlservr	757,809,152	0
disp+work	213,364,736	0
mmc	9,805,824	0
sqlagent	2,252,800	0
perfwcol	1,662,976	0
msg_server	1,581,056	0
SERVICES	1,433,600	0
saposcol	1,413,120	0
EXPLORER	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 23) -----

Thu Jan 18 21:09:00 2001

--VMstat-----

Processors: 2
Interval: 3,614,577,600 (us)
usr: 6.06% sys: 0.90% idle: 185.24%
queue: 0 freepte: 39590
pi: 1.26/s po: 2.15/s

--Iostat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	4,179,456	5,065,728	527.50	813.43	2259.07	921
1146	0	0	3,600,015,625				
1	CE2EE96C	14,435,840	59,802,112	1516.88	1944.87	138.25	3360
2150	0	0	3,600,015,625				

2	CE1F98E1	75,284,480	22,192,128298151.60	54578.65	0.00	9017
1829	0	0	352,730,268,286			
3	CE2EE96D	32,768	585,728	2.96	13.78	3583.26
13	0	0	3,600,015,625			4

--FSstat--

MountPoint VolNum	PhysDrv	Type	Free (KB)	Total (KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	120	2,048	5.86%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,376,784	3,072,000	77.37%
H:\pagefile.sys 00D37BF0 180		PagingFile	1,828	184,320	0.99%
C:\ B8BA90A3 0	0	NTFS	1,099,001	4,192,492	26.21%
D:\ 6470EC21 0	1	NTFS	113,100	12,129,484	0.93%
E:\ E8E20702 0	2	NTFS	3,027,768	35,540,408	8.52%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network--

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]								
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
								Adapter [0004AC4CE34D] 3,600,234,375

--TopTen--

Interval:	3,600,250,000 (us)
ActiveCPUs:	2
TotalProcesses:	51
TotalThreads:	330
TotalIO:	0
TotalHandles:	8642

CPU absolute--

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,695,938	2	0
disp+work	296	228,656	12,640	4	167
sqlservr	153	101,719	22,016	43	967
disp+work	299	44,750	5,109	4	179
disp+work	290	27,953	4,953	4	171
disp+work	356	18,843	2,375	4	163
System	2	0	8,453	35	1035
disp+work	397	6,391	719	4	185
disp+work	323	5,250	734	4	166
perfwcol	179	969	4,625	2	71

CPU group--

	User	Sys	Thrds	Hlds
Idle	0	6,695,938	2	0
disp+work	333,610	27,047	82	3434
sqlservr	101,719	22,016	43	967
System	0	8,453	35	1035

perfwcol	969	4,625	2	71
inetinfo	1,750	1,609	21	342
saposcol	109	156	4	77
sqlagent	234	31	8	93
SERVICES	46	203	20	289
mmc	16	78	4	83

MEM absolute-----

	PID	Private	Shared
sqlservr	153	821,698,560	0
disp+work	397	65,249,280	0
disp+work	267	19,066,880	0
disp+work	296	16,683,008	0
disp+work	323	13,561,856	0
disp+work	330	13,082,624	0
disp+work	290	11,395,072	0
mmc	172	9,687,040	0
disp+work	254	7,966,720	0
disp+work	356	7,454,720	0

MEM group-----

	Private	Shared
sqlservr	821,698,560	0
disp+work	182,579,200	0
mmc	9,687,040	0
sqlagent	2,252,800	0
perfwcol	1,654,784	0
msg_server	1,486,848	0
saposcol	1,409,024	0
EXPLORER	1,409,024	0
sqlmangr	1,409,024	0
SERVICES	1,376,256	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

--Timestamp----- (Record 24) -----

Thu Jan 18 22:09:00 2001

--VMstat-----

Processors: 2

 Interval: 3,585,425,300 (us)
 usr: 4.92% sys: 0.60% idle: 189.75%
 queue: 0 freepte: 39590
 pi: 1.94/s po: 2.00/s

--Iostat-----

Dk	Signatur	Read(B)	Write(B)	Read(t)	Write(t)	Idle(t)	R(c)
W(c)	Q	S					
0	35CB34EC	5,820,416	4,212,224	668.09	689.01	2242.93	1252
1000	0	3,600,046,875					
1	CE2EE96C	22,791,680	41,038,336	2030.01	1318.03	251.99	5136
1425	0	3,600,046,875					
2	CE1F98E1	729,088	13,025,280	94.90	13541.68	0.00	89
887	0	0	13,636,597,615				
3	CE2EE96D	0	552,960	0.00	12.07	3587.97	0

9 0 0 3,600,046,875

--FSstat--

MountPoint VolNum	PhysDrv	Type	Free(KB)	Total(KB)	%free
C:\pagefile.sys 631AF993 2		PagingFile	120	2,048	5.86%
D:\pagefile.sys B5D97A0C 3000		PagingFile	2,375,116	3,072,000	77.31%
H:\pagefile.sys 00D37BF0 180		PagingFile	1,744	184,320	0.95%
C:\ B8BA90A3 0	0	NTFS	1,099,001	4,192,492	26.21%
D:\ 6470EC21 0	1	NTFS	112,940	12,129,484	0.93%
E:\ E8E20702 0	2	NTFS	3,027,768	35,540,408	8.52%
F:\ A891FC02 0	3	NTFS	559,972	1,198,060	46.74%
H:\ 5CDA4CC9 0	0	NTFS	21,314	208,025	10.25%

--Network--

T	S	MTU	Speed	RX-Kb/s	TX-Kb/s	RXe	TXe	Interface
24	1	1500	10000000	0	0	0	0	MS TCP Loopback interface
[None]	3,600,000,000							
6	1	1500	10000000	0	0	0	0	AMD PCNET Family Ethernet
			Adapter [0004AC4CE34D]	3,600,000,000				

--TopTen--

Interval: 3,600,000,000 (us)
ActiveCPUs: 2
TotalProcesses: 51
TotalThreads: 330
TotalIO: 0
TotalHandles: 8640

CPU absolute--

	PID	User	Sys	Thrds	Hlds
Idle	0	0	6,803,672	2	0
disp+work	267	222,422	11,797	4	291
sqlservr	153	71,547	11,563	43	967
disp+work	299	28,875	2,875	4	179
disp+work	397	6,297	938	4	187
disp+work	323	6,422	797	4	166
System	2	0	6,719	35	1033
perfwcol	179	1,172	4,313	2	71
disp+work	270	5,078	344	4	176
inetinfo	133	2,609	2,391	21	342

CPU group--

	User	Sys	Thrds	Hlds
Idle	0	6,803,672	2	0
disp+work	276,845	17,656	82	3436
sqlservr	71,547	11,563	43	967
System	0	6,719	35	1033
perfwcol	1,172	4,313	2	71
inetinfo	2,609	2,391	21	342
sqlagent	422	63	8	93

saposcol	157	141	4	77
SERVICES	47	203	20	289
msdtc	16	47	21	110

MEM absolute-----

	PID	Private	Shared
sqlservr	153	822,194,176	0
disp+work	397	59,260,928	0
disp+work	267	24,383,488	0
disp+work	323	14,864,384	0
disp+work	259	11,591,680	0
disp+work	330	11,104,256	0
mmc	172	9,797,632	0
disp+work	254	7,954,432	0
disp+work	296	7,778,304	0
disp+work	362	7,098,368	0

MEM group-----

	Private	Shared
sqlservr	822,194,176	0
disp+work	180,441,088	0
mmc	9,797,632	0
sqlagent	2,252,800	0
gwrd	1,748,992	0
perfwcol	1,654,784	0
msg_server	1,581,056	0
SERVICES	1,536,000	0
saposcol	1,409,024	0
sqlmangr	1,409,024	0

IO absolute-----

PID	IO
-----	----

IO group-----

IO

APPLICATION
FOR
UNITED STATES LETTERS PATENT
For
Remote Remonitoring

Appendix B

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL298426691US

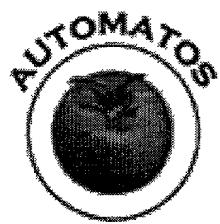
I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

May 11, 2001

Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate



Performance Analysis

ACMECORP

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- [Summary](#)
- [Concepts](#)
- [Availability](#)
- [CPU Usage](#)
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- [File System](#)
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Introduction

Based on data collated in the host ACMECORP, from 01/01/2001, at 01:00, to 10/01/2001, at 00:00, the current performance analysis report was elaborated.

The data used on this report has been obtained from an exclusive collector, with high resolution and low intrusion, developed specially for this end, which executes on the target machine. That collector obtains data directly from the operating system, without any other libraries or additional tools, with a minimum overhead on the system. The data collected is stored using a binary format, in order to provide persistence. When automatically sent, it gets compressed and encrypted, to ensure fast delivery and confidentiality.

The content of this report is based on years of experience on performance analysis and capacity planning. The tool used to generate this report operates in a completely automatic way, without human direct intervention. It uses an extensible inference machine, based on heuristics and rules, improved continuously. Using concepts such as "watermarks" and tolerance, it is possible to determine if a computational resource usage is excessive and if the excess is relevant.

During the monitoring period, the summary of the machine, which has been obtained dynamically, was:



OS : AIX 4.3.3.16
Host : ACMECORP
IP address : 192.168.1.15
Processors : 2 PowerPC_POWER3
Memory : 1024 MB
Model : IBM,9076-260
Serial : IBM,010003297

The last boot of the host ACMECORP took place on 27/12/2000, at 21:45.

This report is based on monitoring which occurred place between 01/01/2001, at 01:00, and 10/01/2001, at 00:00. The following was worth highlighting within this period:

CPU usage did not show a problem with its maximum usage not exceeding 13%.

The percentage of time the CPU spent waiting for an I/O occurrence remained below the limit of 40% during the whole monitoring period, which indicates that this system is not I/O bound.

The runnable processes queue was not a problem, with its maximum level never exceeding the number of active processors.

The blocked processes queue (awaiting input/output) remained above the level of 1 process(es), as shown in the graph below, thus resulting in a tight bottleneck in the system.

The average paging rate remained low for the whole monitoring period, reaching at most 1.2 pps, indicating that there had been no memory constraint.

All of the real memory was allocated during the monitoring period for processes and file caching .

The amount of virtual memory in use remained low throughout the monitoring period, indicating a low demand for memory by processes.

The transmission rate of the network interface lo0 remained above 45% of the interface capacity, all the time, indicating, therefore, a high level of overload.

The reception rate of the network interface lo0 remained above 45% for most of the time, when the interface was overloaded.

The transmission and reception rates of the network interface css0 remained above 45% of the interface capacity, all the time, indicating, therefore, a high level of overload.

The disk hdisk2 exceeded the limit of usage, for more than 10% of the monitoring period.

The paging space was not a problem, with the usage not having exceeded 6.5%.

Concepts

In order to be able to understand a performance analysis report, it may be convenient to review some basic concepts. The idea here is not to make a treaty on the subject, but to go through some fundamental aspects related to performance.

System performance means different things to different people. This can range from resource consumption to amount of work performed per unit of time. It will be assumed here that improving performance means improving response time of end users and/or increasing throughput of both end user work and batch work.

The performance of any system depends on how tied up key resources are. The reason being that system performance is, essentially, a function of the time each key resource takes to service a request, plus the time a request has spent queued waiting to be serviced (more details on queues ahead). In case of an information-processing environment, based on computers, key resources are CPU, memory, disk I/O and network I/O.

In order to evaluate resource consumption, criteria must be established. These criteria consist of judging which system performance variables best express this consumption, since many are available. In addition, the watermarks (point where a resource starts to be considered overcommitted - also known as thresholds) for these variables need be defined. These watermarks are approximate and can vary depending on the characteristics of the system being analyzed.

Description of key resources

1 - CPU

CPU's can play a significant role in the response time of computational environments, especially when other resources are abundant. This is particularly true in environments where most of the data required is available in memory. For CPU, the key variables to evaluate resource consumption are run-queue and CPU usage.

1.1 - Run-queue

Run-queue means the amount of processes (threads, in fact) which are runnable (ready to execute), being either queued, waiting for a CPU, or already executing. It is a measure of how used up is the CPU, in an environment comprised of many processes (a commercial transaction environment, p.e.). The watermarks, typical of run-queue, are a range between the number of processors available and five times this value. This depends on the response time required for a transaction, versus the amount of CPU required by this transaction.

1.2 - CPU Usage

CPU usage is a measure of how used up is the CPU in an environment

Concepts

comprised of few heavy processes (such is the case of scientific or commercial environments with few, but complex, batches). It can be used as a criterion for environments with many processes, but run-queue is more meaningful in these cases. CPU usage is expressed in percentage and it can be broken in four categories, usr, sys, idle and wio. Usr stands for user mode or the mode in which a process executes, when not using any operating system service. Sys means system mode, which is the mode a process is placed into when using any operating system service. Idle, as the term suggests, is when a CPU has no process to execute. Wio stands for waiting for I/O, a special case of idleness, where the CPU is available, but there are processes waiting for an I/O operation to complete. CPU usage is normally a concern when $usr+sys$ is above 75 to 85%, in an environment with multiple processes, or is close to $100\% / \text{number of processors}$, in an environment with few processes.

2 - Memory

Memory can play different roles in a computational environment, ranging from fast storage area for program data to disk data caching (making up for the slower speed of disk subsystems). This means that memory is consumed for very distinct purposes. Memory consumption, being understood as not only real memory (RAM), but as the entire virtual memory subsystem, can be well evaluated by paging activity, virtual memory usage and paging space usage.

Paging activity occurs when the real memory being managed by a virtual memory subsystem is overcommitted. In a small degree, it is not a problem, since the main purpose of the virtual memory subsystem is to be able to maximize system throughput by allowing process memory to be swapped in and out. It becomes a critical issue when paging reaches high rates. The point is that paging indicates that the sum of the working sets (ranges of virtual memory addresses of processes that need to be accessible at a given moment) of the processes, plus what is left aside for the operating system and file caching, exceeds the amount of real memory available. Paging is broken down in page in (pi) and page out (po). A page in is usually regarded as more serious, since it may indicate a thrashing condition (the system is spending too much time just paging). The watermark for paging ($pi+po$) is in the range of 10 pages per second.

Paging space usage is a fundamental concern when analyzing the state of the virtual memory manager. If no paging space is available, definitely no new process will be spawned and, very likely, some existing processes may be terminated by the operating system in order to make room in the paging space. So, real memory constraints impact performance, but paging space constraints put in risk the entire execution environment. The amount of virtual memory devoted to process segments (process data area) is directly related to paging space usage, if the operating system in question is working with early paging

Concepts

space allocation (allocate space in the paging area whenever it is allocated in real memory). In this case, the amount of space being used in the paging area is the sum of the data areas of all running processes, which is the major component in determining the amount of real memory required by the system. If the amount of virtual memory in use exceeds the amount of real memory available, paging will very likely occur, initiating performance degradation. In an environment experiencing significant growth rates, especially in terms of users, it is advisable to keep the average paging space usage rate at 50%. Obviously, this concern does not exist or is less serious in the case of operating systems that are able to allocate paging space dynamically.

3 - Disk I/O

Disk I/O is certainly one of the main subjects when performance is in discussion. This is particularly true in commercial environments. Disks, being mechanical devices (in comparison with other devices which are faster, because they are electronic) can, if not properly used, put in jeopardy the performance of an entire system. In addition, disks can present two very distinct personalities - one, when accessing data in random mode (slower, because it involves arm movement), and other, when accessing data in sequential mode (faster, because it only involves plate movement). Also, the performance of disks varies according to the blocking factor (amount of data involved in a same operation), since the impact of the overhead is diluted, in the case of large blocks. Therefore, disks must be closely watched. Among the key variables that provide information on disk I/O usage are bandwidth occupation, transfers (I/Os) per second, transfer rate (usually expressed in KB/s) and physical read to write ratio.

3.1 - Bandwidth occupation

Bandwidth occupation is probably the most important variable when evaluating disk I/O. It is calculated based on the number of samples taken within a period (1 second, p.e.) that found a given disk to be busy. It is highly dependent on the rate of requests being sent to the disks and the type of data access being required by these requests (since random requests take longer to be serviced than sequential requests). With bandwidth occupation, it is possible to estimate whether disk I/O requests for a given disk are spending time in queues, instead of being serviced promptly. The disk bandwidth occupation watermarks regarded as acceptable vary from 15%, for environments with predominantly random access (OLTP with simple transactions), to 65%, for environments with predominantly sequential access (datawarehouse, complex batch applications, etc.). A criterion of 40% is adequate for mixed environments (which constitute the great majority of the cases).

3.2 - Transfers per second

Transfers per second provide a good complementary information to

Concepts

bandwidth occupation, specially in order to evaluate more subtle bottlenecks such as disk adapters (SCSI, FC-AL, SSA, etc.). Disks adapters have a ceiling, in terms of transfers per second, that might be reached without notice, limiting, therefore, the I/O capability of multiple disks. Physical disks support about 100 to 120 transfers per second, when accessing data in random mode, and 10x these values or more, when accessing data in sequential mode. So, it is considered acceptable to keep disks operating at a sustained rate of about 50% of these values.

3.3 - Transfer rate

Transfer rate informs the amount of data that is being received from disks or being sent to disks, per unit of time. Like bandwidth occupation and transfers per second, transfer rate is a function of the rate of requests being sent to the disks and the type of access being required by these requests (random access requires more time to be serviced and, therefore, limits transfer rates). Another key aspect of transfer rate is that it may also expose the ceiling of disk adapters, regarding this characteristic. In addition, computer I/O buses may also impose a limit on the transfer rates of adapters inserted in these buses. The typical watermarks for transfer rates, per individual physical disk, varies from 400 to 1.000 KB/s, for random I/O, to between 4.000 KB/s and 25.000 KB/s (when using large blocks), for sequential I/O.

3.4 - Physical read to write ratio

The physical read to write ratio for disk I/O is important in determining whether a given database configuration is adequate and whether the type of disk layout being used is the most suitable. When the number of physical reads more than exceeds 5x the number of writes, it might mean (although not necessarily) that the size of a database buffer cache is not big enough. Therefore, the database software might be operating with an unacceptable hit ratio (ratio of logical reads that are satisfied by the cache). A physical read to write ratio below 2.5x, although not a problem in itself, might not be adequate for certain disk layouts such as RAID-5, since this arrangement has a significant write-penalty (additional effort required to perform write operations, when compared to read operations).

4 - Network I/O

Network I/O, although also a key resource, seldomly plays a major role in influencing response time, except when wide area networks (WAN's) are involved. Nevertheless, this resource must also be monitored, for it may hide some surprises. The key variables to evaluate network I/O are transfer rate (or, bandwidth occupation of the maximum transfer rate), error rate and latency.

4.1 - Transfer rate

Concepts

Similar to disk I/O, the transfer rate of network adapters depends on block size, although the impact is not as significant. On the other hand, there is direct correlation between transfer rate and bandwidth usage in the case of network I/O, whereas with disk I/O this is not the case (since the data access mode must be considered). Typically, collision-prone networks (Ethernet, without switches, p.e.) should operate at 30 to 40% of their nominal capacity and other types of networks should be kept at 50 to 70% of their nominal capacity.

4.2 - Error rate

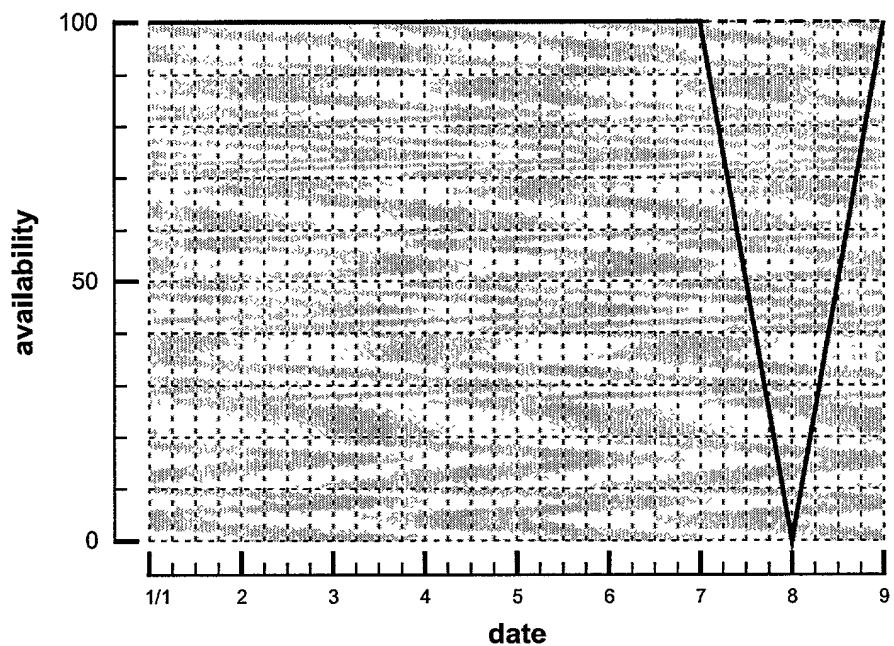
Error rate provides a measure of how effective the transfer rate is in a network, since a high error rate will mean that the effective transfer rate is very low. Most network adapters and network device drivers provide some means of retrieving error information, which is presented as a complementary statistic to the transfer rate itself. Major causes of high error rates in LANs are collisions (two or more network devices trying to send data at the same time), stationary waves (signal that remains in the network due to poor termination), full-duplex/half-duplex mismatch (operation mode mismatch between adapters and hubs/switches) and speed mismatch (speed mismatch between adapters and hubs/switches). A major cause of high error rates in WANs is noise (heat, electromagnetic noise, etc.). The watermark for error rate in LANs should be of 1% or even less and for WANs should be of about 5%.

4.3 - Network latency

Network latency can be measured by various schemes, the most common being echo requests (TCP/IP ping, p.e.). It is a measure of how long the first packet, of a chain of packets, took to reach its destination. The point is that it is not enough to have high bandwidth if the first packet requires a very significant time to arrive. This is the case with satellite links, but may also apply to confined networks. For instance, the latency of ATM and gigabit Ethernet can be very small for conventional applications, but it is high for parallel computing applications.. Another aspect of latency is that it may have an important software component, such as the one caused by operating systems protocol stacks (communication subsystems). The typical latencies desired for corporate LAN's (Local Area Networks) are in the range of 1 to 10 ms.

Availability

During this analysis monitoring period the machine maintained the following availability rate.

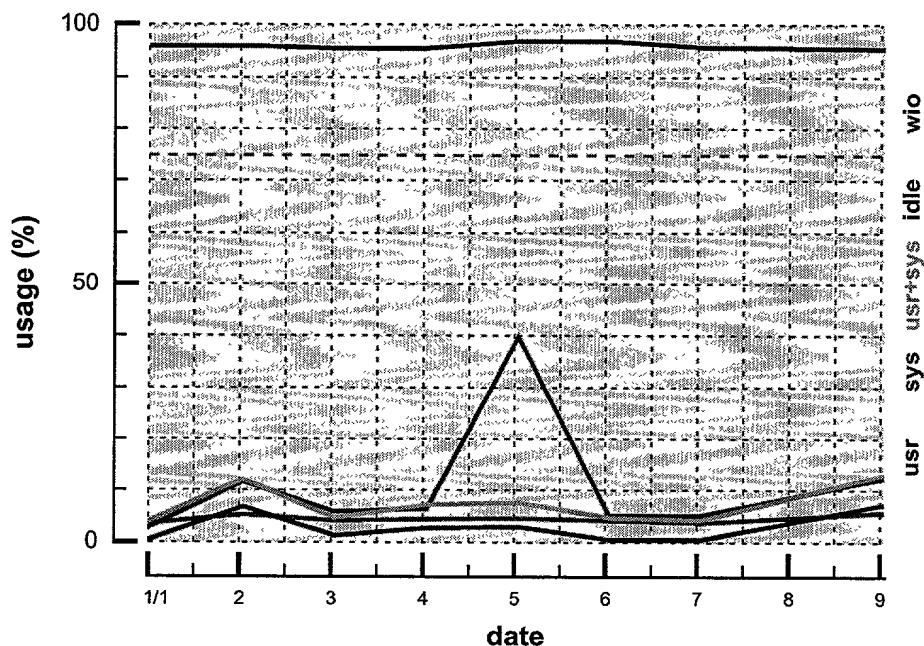


CPU Usage



CPU usage was not a problem, as shown in the graph below, with its average usage not exceeding 75%.

The percentage of time the CPU spent waiting for an I/O occurrence remained below the level of 40% during the whole monitoring period.



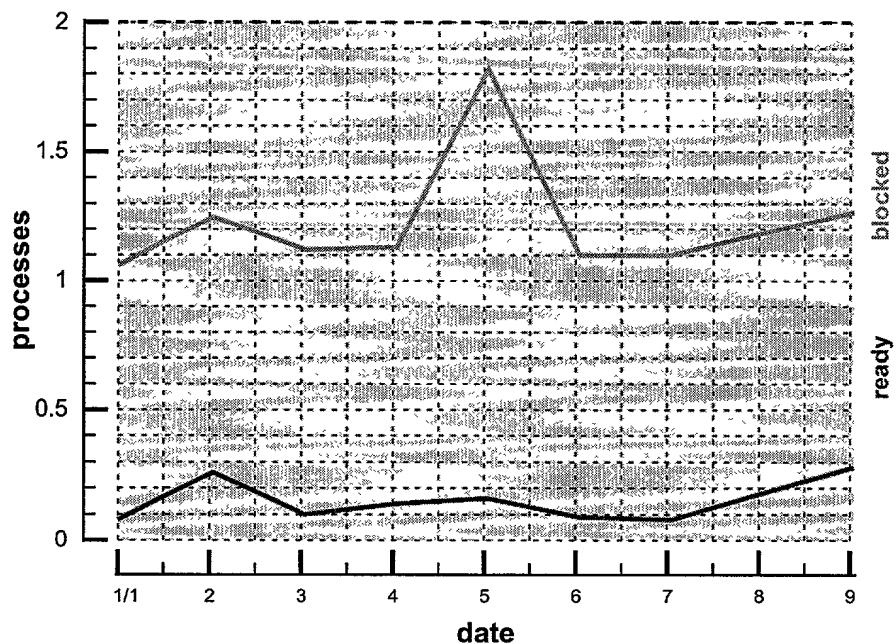
Process Queue



The runnable processes queue was not a problem, as shown in the graph below, never exceeding 2 process(es).

The blocked processes queue (awaiting input/output) remained above the level of 1 process(es), as shown in the graph below, thus resulting in a tight bottleneck in the system.

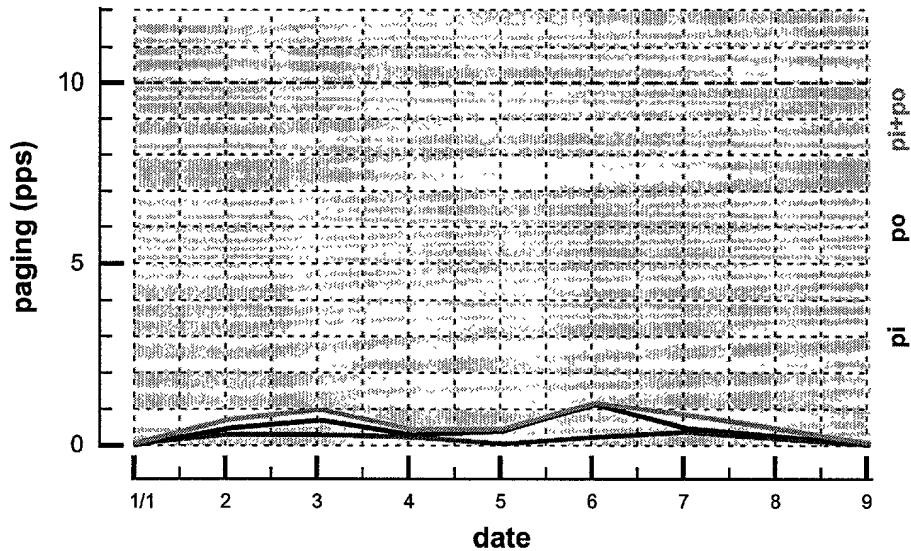
The greatest number of processes and threads running occurred on 05/01, at 00:00, with 157 processes and 195 threads.



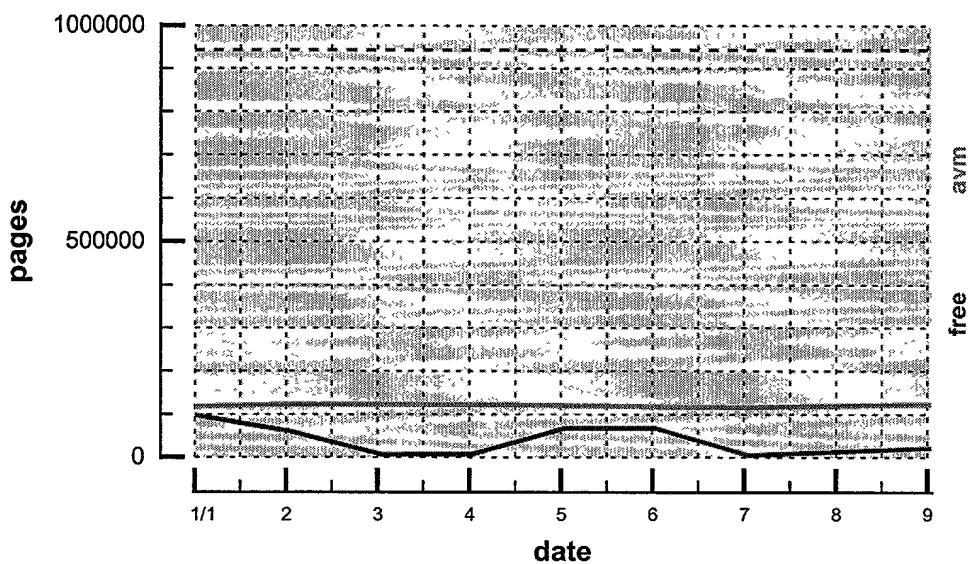
Memory



The average paging rate remained below the recommended level during the whole monitoring period, indicating the absence of memory constraints.



The amount of virtual memory in use remained low throughout the monitoring period.



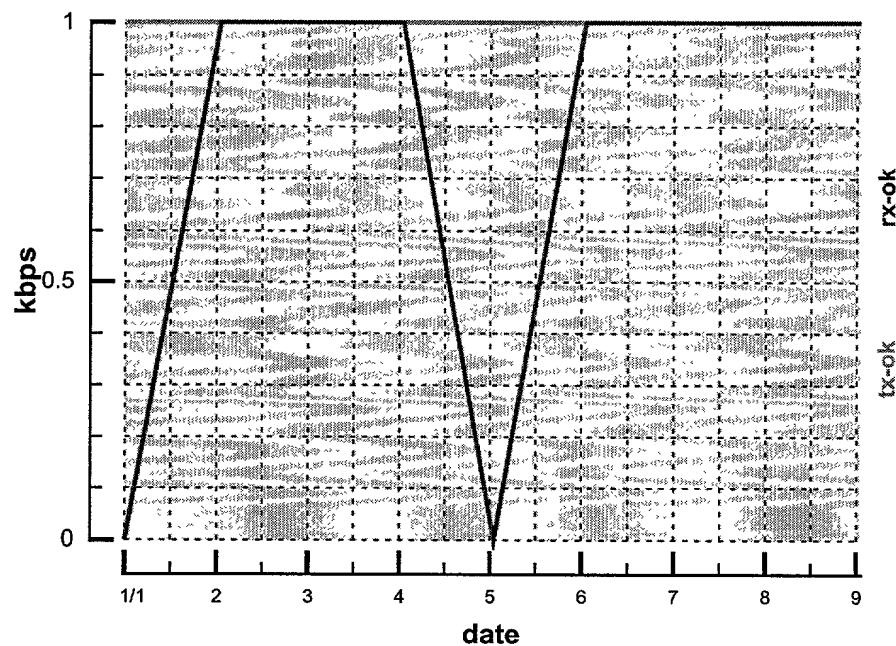
All of the real memory was allocated during the monitoring period for processes and file caching.



The transmission rate remained above 40% of the interface capacity, for the whole time, indicating, therefore, a heavy overload.

The reception rate remained above 40% for most of the time, when the interface was overloaded.

There were no errors in transmission and/or reception.



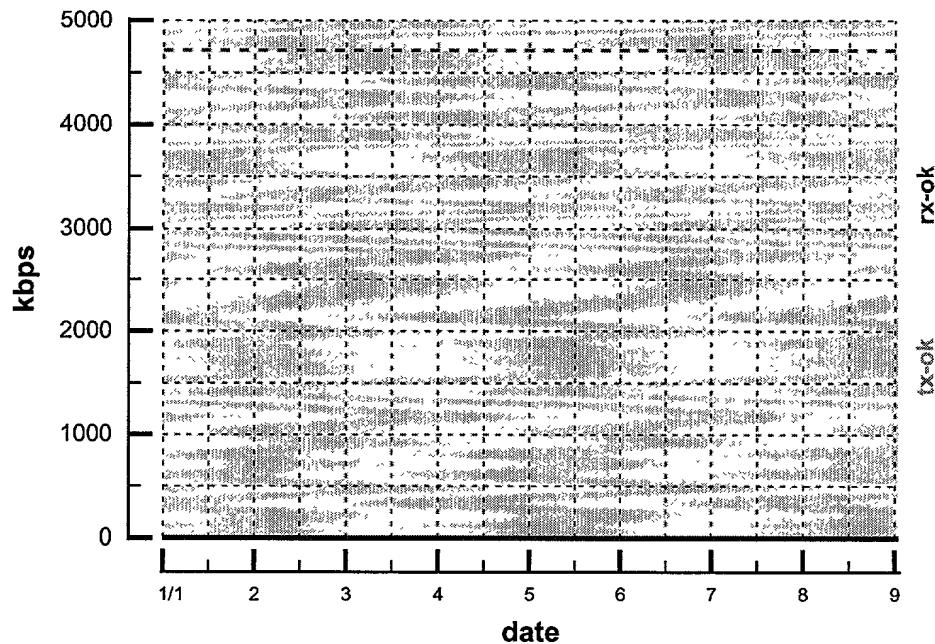
Network I/O

Interface en0



The transmission and reception rates remained below 40% of the interface capacity, for the whole time, without, therefore, having an overload.

There were no errors in transmission and/or reception.



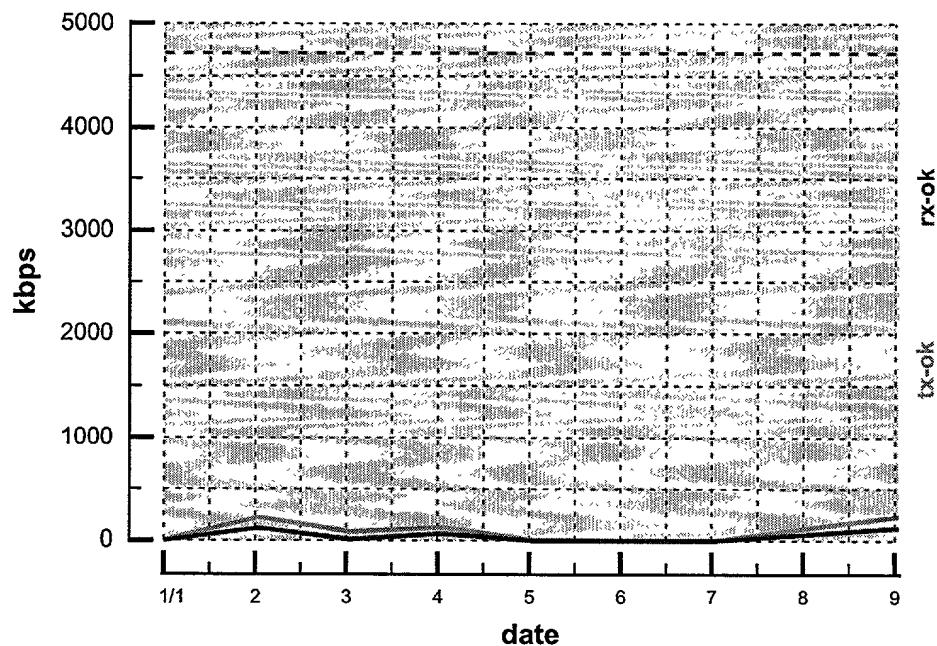
Network I/O

Interface en1



The transmission and reception rates remained below 40% of the interface capacity, for the whole time, without, therefore, having an overload.

There were no errors in transmission and/or reception.



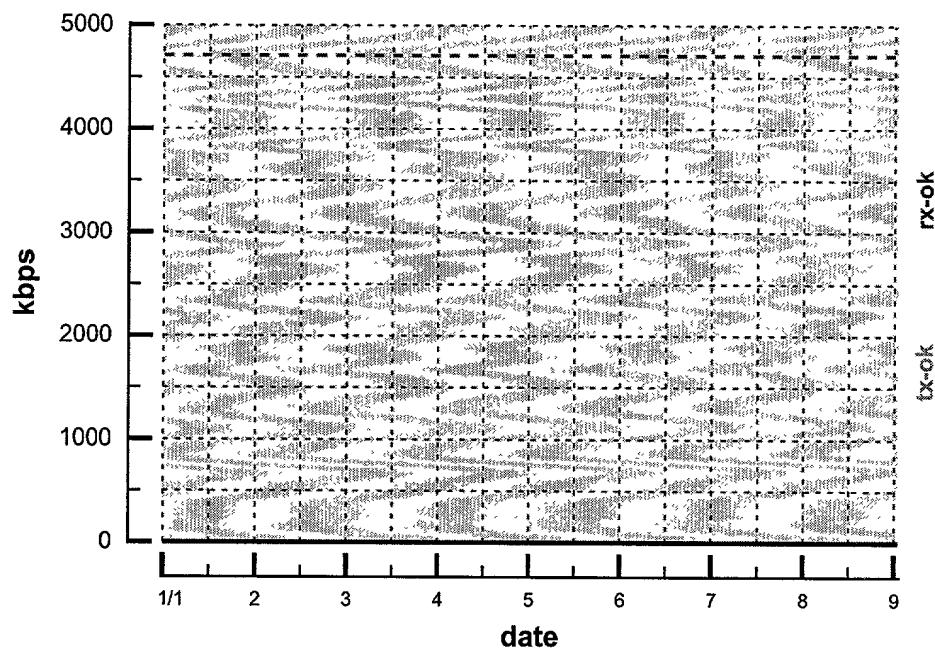
Network I/O

Interface en2



The transmission and reception rates remained below 40% of the interface capacity, for the whole time, without, therefore, having an overload.

There were no errors in transmission and/or reception.



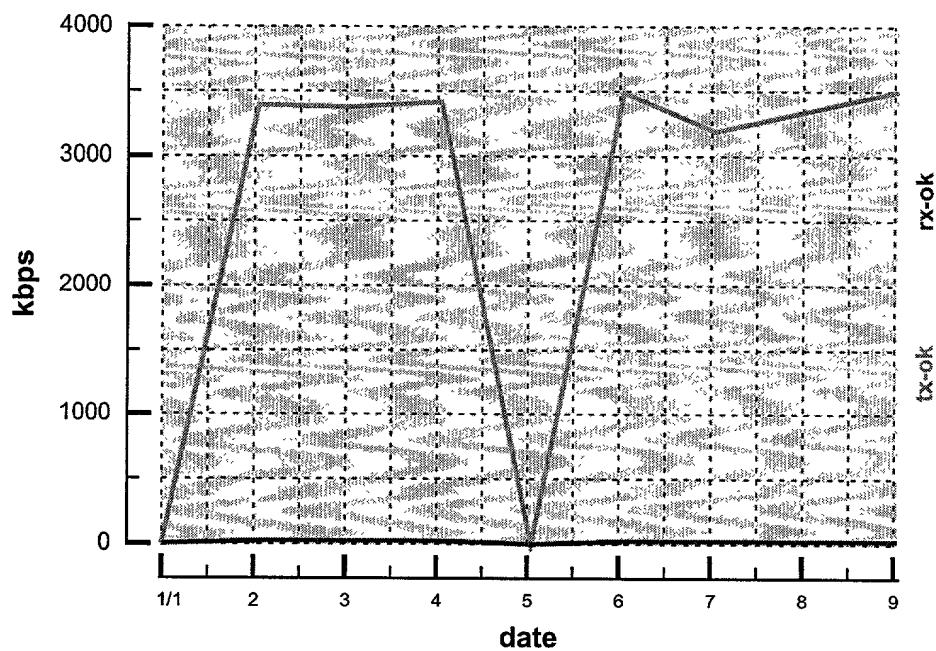
Network I/O

Interface css0



The transmission and reception rates remained above 40% of the interface capacity, for the whole time, indicating, therefore, a heavy overload.

There were no errors in transmission and/or reception.



Disk I/O



The 4 disks were analyzed for the following requisites: transaction rate, transfer rate and usage.

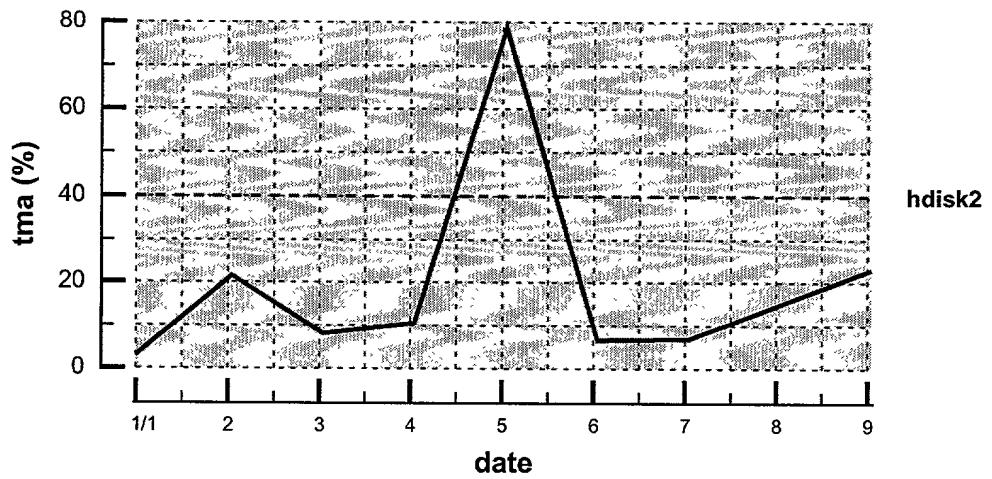
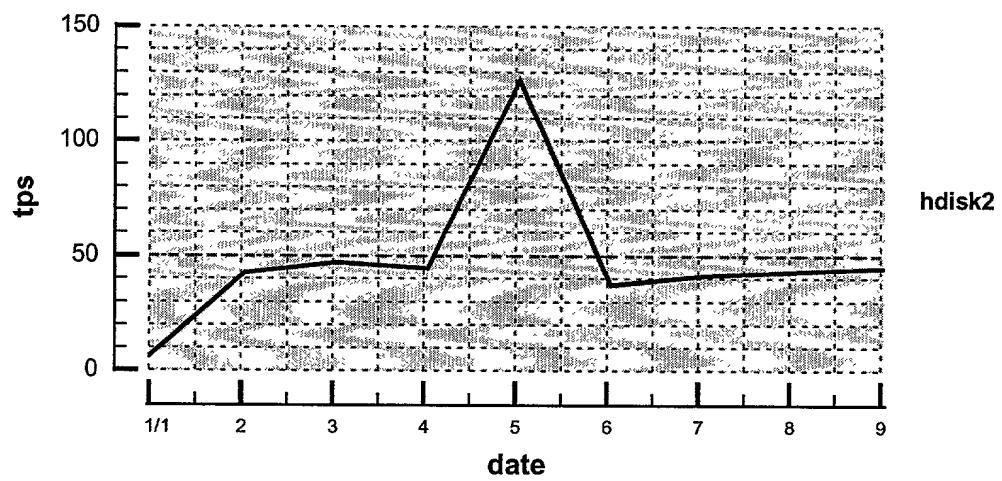
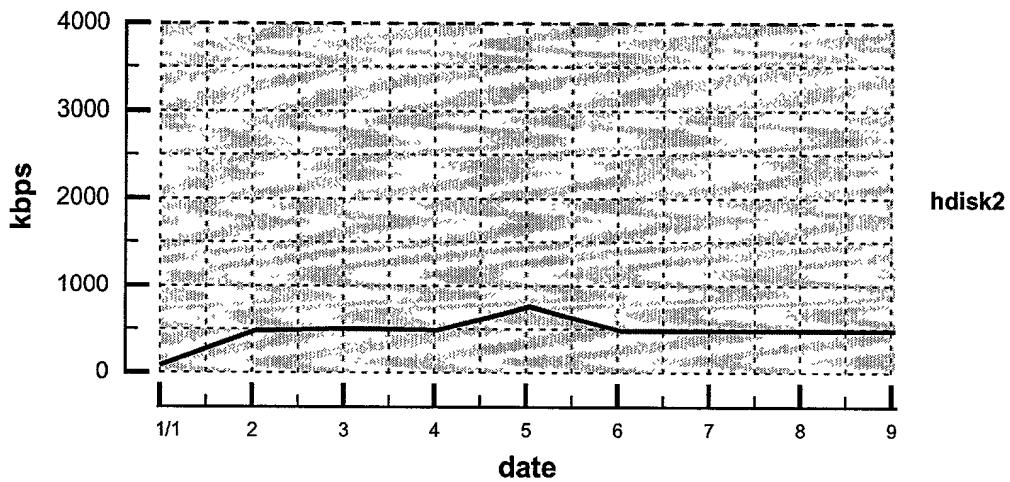
The disk hdisk2 exceeded the limit of tps, for more than 10% of the monitoring period.

The disk hdisk2 exceeded the limit of usage, for more than 10% of the monitoring period.

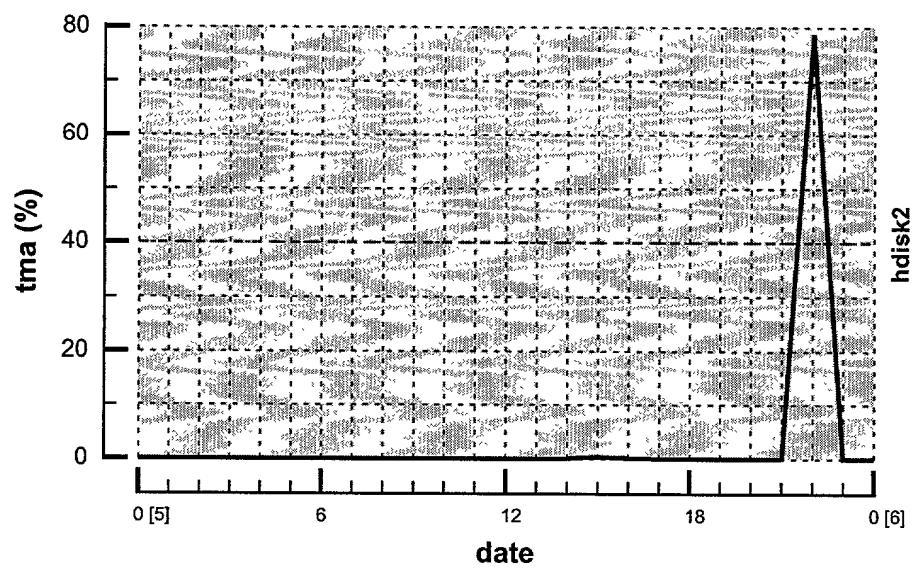
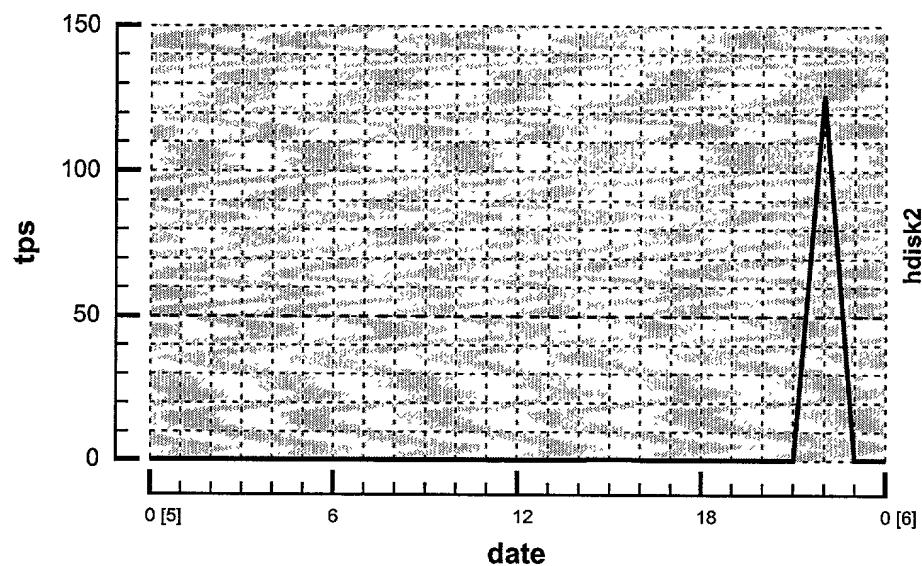
The other disks showed good results, without exceeding the limits of each of the requisites.

The graphs relating to disk hdisk2 are shown on the following pages.

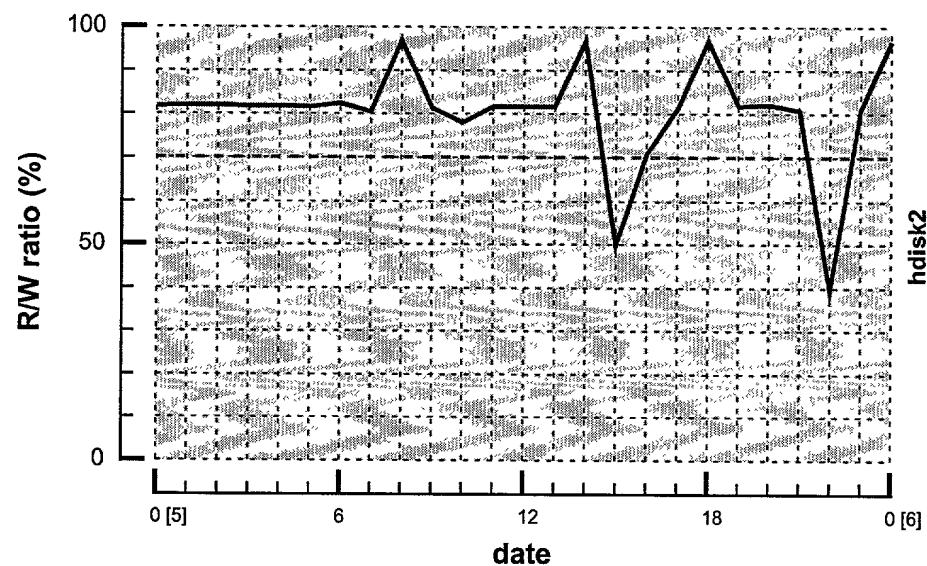
Disk I/O



On the 05/01, at 01:00, the disk I/O showed the highest activity during the whole monitoring period. The graph below represents the status on this day.



The graph below shows the disk hdisk2 Read/Write ratio, during the highest I/O activity period.



Status of 10 processes with the most I/O activity on the 05/01, at 01:00.
At that time there was 1020 open files.

ABSOLUTE

PROCESS	PID	FILES	USAGE
nim_hps	22478	0	49%
vmstat	51140	0	28%
init	1	0	7%
dtlogin	4408	0	5%
cistrmgr	21472	0	2%
perfwcol	42404	0	1%
nim_ether	20282	0	1%
i4llmd	12672	0	0%
dm_ep_engine	18874	0	0%
dsmonitord	7746	0	0%

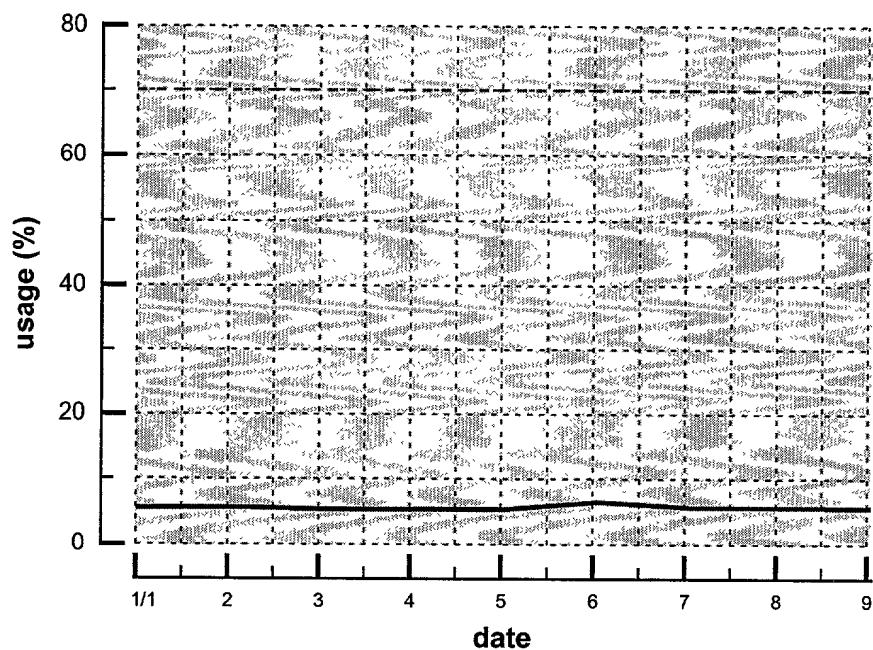
GROUP

PROCESS	FILES	USAGE
nim_hps	0	49%
vmstat	0	28%
init	0	7%
dtlogin	0	5%
cistrmgr	0	2%
perfwcol	0	1%
nim_ether	0	1%
i4llmd	0	0%
dm_ep_engine	0	0%
dsmonitord	0	0%

Paging Space



The paging space (1572864 pages) was not a problem, as shown in the graph below, with the usage not exceeding 6.5%.



File System

Status of the file system at the end of the monitoring period:

FileSystem	Mounted	Total	Free	%Used
/dev/hd4	/	32768	5232	84
/dev/hd2	/usr	1474560	264168	82
/dev/hd9var	/var	131072	30916	76
/dev/hd3	/tmp	131072	126776	3
/dev/hd1	/home	32768	31576	3
/dev/lv01	/backup	32768	26360	19
/dev/lv02	/temp	229376	74068	67
/dev/lv03	/usr/local	32768	28764	12
/dev/lvimage	/image	2621440	2538212	3
/dev/hdwlv001	/var/opt/perf	4587520	4318872	5
/dev/hdwlv002	/usr/lpp/perf	32768	8580	73
/dev/utilv000	/util	32768	31668	3
/dev/lv04	/DENYALL	524288	384328	26
/dev/im1p01homlv002	/home/cltadmin	4096	3904	4
/dev/im1p01homlv003	/home/db2fenc1	4096	3920	4
/dev/im1p01db2dv101	/home/db2inst1	1843200	249700	86
/dev/im1p01homlv001	/home/lsadmin	65536	60968	6
/dev/im1p01tivlv001	/opt/tivim1p1	12288	4436	63
/dev/audlv001	/opt/audim1p1	196608	190356	3
Paging space		1572864	1484584	5

Processes that most used CPU during the monitoring period, as from 01/01.

ABSOLUTE

PROCESS	PID	THREADS	USAGE
.wait	516	1	48%
.wait	774	1	48%
syncd	5466	1	1%
hatsd	16514	10	0%
gil	1548	5	0%
dtlogin	4408	1	0%
nim_ether	20282	1	0%
nim_hps	22478	1	0%
swapper	0	1	0%
i4lild	12916	1	0%

GROUP

PROCESS	THREADS	USAGE
.wait	2	97%
syncd	1	1%
hatsd	10	0%
gil	5	0%
dtlogin	1	0%
nim_ether	2	0%
nim_hps	1	0%
swapper	1	0%
i4lild	2	0%
cistrmgr	1	0%

ABSOLUTE

PROCESS	PID	THREADS	USAGE
wait	516	1	46%
wait	774	1	46%
syncd	5466	1	1%
db2sysc	26972	1	0%
gil	1548	5	0%
hatsd	16514	10	0%
dtlogin	4408	1	0%
frnxllch	53246	1	0%
frnxllch	52406	1	0%
frnxllch	21976	1	0%

GROUP

PROCESS	THREADS	USAGE
wait	2	93%
db2sysc	35	1%
syncd	1	1%
frnxllch	20	1%
frnxllis	22	0%
gil	5	0%
hatsd	10	0%
dtlogin	1	0%
nim_ether	2	0%
dsmc	5	0%

ABSOLUTE

PROCESS	PID	THREADS	USAGE
wait	516	1	48%
wait	774	1	47%
syncd	5466	1	2%
hatsd	16514	10	0%
gil	1548	5	0%
dtlogin	4408	1	0%
nim_ether	20282	1	0%
dsmc	47178	8	0%
nim_hps	22478	1	0%
swapper	0	1	0%

GROUP

PROCESS	THREADS	USAGE
wait	2	96%
syncd	1	2%
hatsd	10	0%
gil	5	0%
dtlogin	1	0%
nim_ether	2	0%
frnxllch	20	0%
db2sysc	35	0%
dsmc	8	0%
nim_hps	1	0%

ABSOLUTE

PROCESS	PID	THREADS	USAGE
wait	516	1	48%
wait	774	1	47%
syncd	5466	1	2%
hatsd	16514	10	0%
gil	1548	5	0%
dtlogin	4408	1	0%
nim_ether	20282	1	0%
dsmc	47178	11	0%
nim_hps	22478	1	0%
i4llmd	12916	1	0%

GROUP

PROCESS	THREADS	USAGE
wait	2	96%
syncd	1	2%
frnxllch	20	0%
db2sysc	35	0%
hatsd	10	0%
gil	5	0%
dtlogin	1	0%
nim_ether	2	0%
dsmc	11	0%
frnxllis	22	0%

ABSOLUTE

PROCESS	PID	THREADS	USAGE
wait	516	1	48%
wait	774	1	48%
syncd	5466	1	1%
db2sysc	49562	1	0%
hatsd	16514	10	0%
gil	1548	5	0%
dtlogin	4408	1	0%
nim_ether	20282	1	0%
db2sysc	35374	1	0%
db2sysc	14932	1	0%

GROUP

PROCESS	THREADS	USAGE
wait	2	96%
syncd	1	1%
db2sysc	35	0%
hatsd	10	0%
gil	5	0%
dtlogin	1	0%
nim_ether	2	0%
nim_hps	1	0%
swapper	1	0%
i4lmd	2	0%

ABSOLUTE

PROCESS	PID	THREADS	USAGE
wait	516	1	48%
wait	774	1	48%
syncd	5466	1	1%
gil	1548	5	0%
hatsd	16514	10	0%
dtlogin	4408	1	0%
dsmc	47178	5	0%
nim_ether	20282	1	0%
nim_hps	22478	1	0%
i4lild	12916	1	0%

GROUP

PROCESS	THREADS	USAGE
wait	2	97%
syncd	1	1%
gil	5	0%
hatsd	10	0%
dtlogin	1	0%
nim_ether	2	0%
dsmc	5	0%
nim_hps	1	0%
i4lild	2	0%
lrud	1	0%

ABSOLUTE

PROCESS	PID	THREADS	USAGE
wait	516	1	24%
wait	774	1	23%
syncd	5466	1	1%
hatsd	16514	10	0%
gil	1548	5	0%
dtlogin	4408	1	0%
nim_ether	20282	1	0%
dsmc	47178	8	0%
nim_hps	22478	1	0%
clstrmgr	21472	1	0%

GROUP

PROCESS	THREADS	USAGE
wait	2	48%
syncd	1	1%
hatsd	10	0%
gil	5	0%
dtlogin	1	0%
nim_ether	2	0%
dsmc	8	0%
nim_hps	1	0%
clstrmgr	1	0%
i4llmd	2	0%

ABSOLUTE

PROCESS	PID	THREADS	USAGE
wait	516	1	48%
wait	774	1	47%
syncd	5466	1	2%
db2sysc	33452	1	0%
gil	1548	5	0%
hatsd	16514	10	0%
frnxllch	29344	1	0%
frnxllch	53968	1	0%
frnxllch	35966	1	0%
frnxllch	30956	1	0%

GROUP

PROCESS	THREADS	USAGE
wait	2	95%
db2sysc	35	2%
syncd	1	2%
frnxllch	20	1%
frnxllis	22	0%
gil	5	0%
hatsd	10	0%
nim_ether	2	0%
dtlogin	1	0%
nim_hps	1	0%

Processes that most used memory during the monitoring period, as from 01/01. The usage is showed as KB.

ABSOLUTE

PROCESS	PID	THREADS	USAGE
hatsd	16514	10	6
dsmc	47178	14	6
hagsd	17030	1	4
db2sysc	42856	1	3
db2sysc	44638	1	3
haemd	15996	1	3
harmad	15744	1	2
db2sysc	38968	1	2
X	20760	1	2
X	54000	1	2

ABSOLUTE

PROCESS	PID	THREADS	USAGE
hatsd	16514	10	6
dsmc	47178	5	6
hagsd	17030	1	4
db2sysc	44638	1	3
haemd	15996	1	3
harmad	15744	1	2
db2sysc	38968	1	2
i4llmd	12916	1	1
i4llmd	12672	1	1
dsmrecalld	6216	1	1

ABSOLUTE

PROCESS	PID	THREADS	USAGE
dsmc	47178	8	6
hatsd	16514	10	6
hagsd	17030	1	4
haemd	15996	1	3
harmad	15744	1	2
i4llmd	12916	1	1
i4llmd	12672	1	1
dsmrecalld	6216	1	1
fault_service_Worm_RTG_SP	11374	1	1
dsmonitord	7746	1	1

ABSOLUTE

PROCESS	PID	THREADS	USAGE
dsmc	47178	11	6
hatsd	16514	10	6
hagsd	17030	1	4
haemd	15996	1	3
harmad	15744	1	2
db2sysc	35126	1	2
i4llmd	12916	1	1
i4llmd	12672	1	1
dsmrecalld	6216	1	1
db2sysc	45062	1	1

ABSOLUTE

PROCESS	PID	THREADS	USAGE
dsmc	47178	14	6
hatsd	16514	10	6
hagsd	17030	1	4
haemd	15996	1	3
db2sysc	35374	1	3
harmad	15744	1	2
db2sysc	13418	1	2
db2sysc	45062	1	2
db2sysc	35126	1	2
db2sysc	14932	1	2

ABSOLUTE

PROCESS	PID	THREADS	USAGE
dsmc	47178	5	6
hatsd	16514	10	6
hagsd	17030	1	4
db2sysc	35374	1	3
haemd	15996	1	3
harmad	15744	1	2
db2sysc	14932	1	2
db2sysc	49562	1	2
db2sysc	45062	1	2
db2sysc	35126	1	2

ABSOLUTE

PROCESS	PID	THREADS	USAGE
dsmc	47178	8	6
hatsd	16514	10	6
hagsd	17030	1	4
haemd	15996	1	3
harmad	15744	1	2
db2sysc	45062	1	2
db2sysc	35126	1	2
i4llmd	12916	1	1
i4llmd	12672	1	1
dsmrecalld	6216	1	1

ABSOLUTE

PROCESS	PID	THREADS	USAGE
hatsd	16514	10	6
dsmc	47178	14	6
hagsd	17030	1	4
haemd	15996	1	3
harmad	15744	1	2
db2sysc	45062	1	2
db2sysc	35126	1	2
i4llmd	12916	1	1
i4llmd	12672	1	1
dtlogin	4408	1	1